Table of Content

00 Recap

Problem Space

Online Education for 8-12 year old children in developing countries

The pandemic has dramatically changed education around the world, with more than 1.2 billion children in 186 countries affected by school closures. And insufficient hospitals and low vaccination rates in countries like Iran have caused many schools to shut down completely. Elementary-age children (ages 7–12) have had to learn how to work with computers and video conferencing applications and cope with new, remote learning methods. While some believe the unplanned and rapid move to online learning will result in poor educational experiences and outcomes, others see the potential for a new hybrid model of education to emerge with significant benefits for developing countries.

How Might We?

How Might We

How might we facilitate more effective and sustainable online learning experiences for students and teachers in developing countries?

- Have a narrowed user group that let you start thinking about the solution with more constraints.
- Have a location constraint for your problem to start brainstorming with
- uses positive adjectives

How Might We

facilitate online education for both students (between ages of 8 to 12) and their instructors in developing countries

How is this facilitation?
What is the reason of it?

How Might We

help chidren between ages of 8 to 12 maintain their physical health and can participate efficiently in their classes?

- The user group is too wide for following a HMW
- There are 2 things that this HMW want to solve 1) physical health 2)effect participation

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User Centre Design

While a lot of teachers may think teaching online is easier and children are learning faster, learners have a different opinion.

Eduventures, Inc. (2006) found that about half of institutions and more than

60%

of **employers** generally accept the high quality of online learning, but students' perceptions differ. Only about

33%

of prospective **online students** said that they perceive the quality of online education to be "as good as or better than" face-to-face education.

Interview Guide

Opening

- What social medias do you use?
- How much time do you spend in social medias?
- What is your favorite application?
- Do you exercise?
- What do you do in your free time?
- How old are you?
- What is your favorite subject in school?

General Questions

- What do you expect from an online learning platform?
- Do you prefer online or offline?
- How long have you been online schooled?
- Did your GPA change after online learning?
- How do you see online classes?
- How did online schooling effected your relationship between your friends?
- When do you think you can go back to school?

Specific Questions

- What is biggest problem for you in online schools?
- What platform do you like the best for your online classes? Why?
- How teacher-student relationship has changed after online education?
- How do you send your homeworks to your teacher?

Wrap Up

- What would you change about the platform that you are using for online learning?
- What is the worst moment of online learning?
- What features would you add to your existing online learning platform?
- What do you like to have in your online classes?

6

Name: Hanna Sheller

Age: **10 Years old** Gender: **Female**

Country: **Iran** Language: **Persian**

Devices: **Her mother's phone** Family: **Lives wit her mom and dad**

"I don't like online learning, because I have to sit behind the computer all day, and working with technology is very confusing for me too. "

Bio

- Hanna is a ten-year-old student who has been online schooled because of COVID. Her parents didn't let her use their cellphone before, but as all the classes are online she has to spend a lot of her time behind the computer or on a mobile device. She didn't know how to work with technology but she tried her best to learn it as fast as possible. She uses her cellphone for talking to her friends, participating in online classes, taking photos of her homework, and watching educational videos.

Frutrations

- I don't know what are the options under the video calling screen. (like share screen or annotate ...)
- I always lose the files that the teacher sends me after teaching a subject
- I don't know what is my homeworks and how should I do it!
- I spend a lot of time behind the laptop and I feel like I don't exercise enough
- I struggle with sending my homeworks to the teacher

Touch points

Motivations

Loves video calling with her friends

Wants to have the best grades in her class

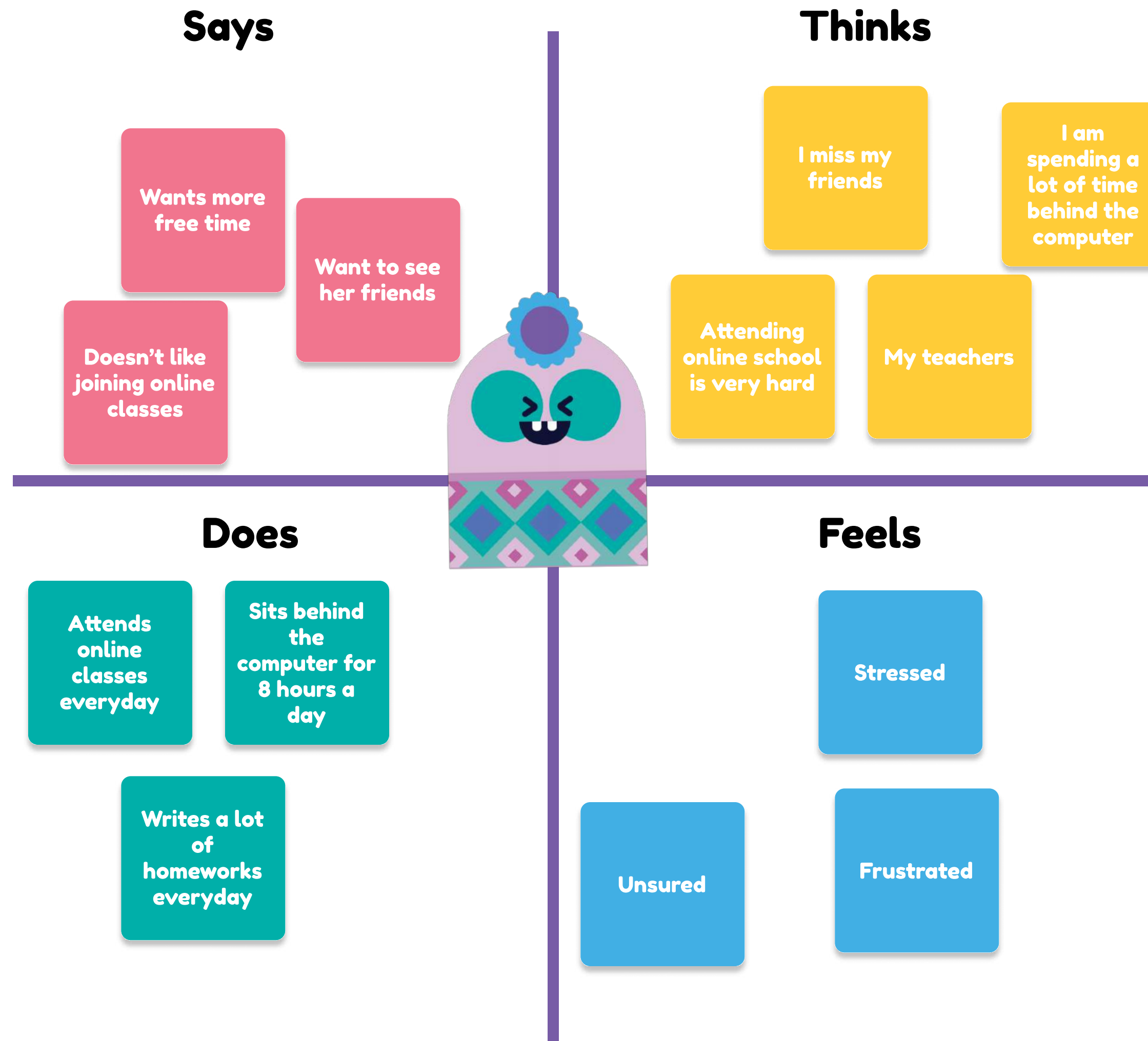Wants to be able to participate in her online classes

Personality

Out going

Enjoy Reading books

Competetive

Non Tech savvy

Goals

- To have an easy to work platform for participating in online classes
- To be able to upload my homeworks easily
- To be able to find the content that my teacher has thought today and download it
- To import my handwritten notes to an online platform next to my teacher's notes.

Empathy Map

Says

Wants more free time

Want to see her friends

Doesn't like joining online classes

Thinks

I miss my friends

I am spending a lot of time behind the computer

Attending online school is very hard

My teachers

Does

Attends online classes everyday

Sits behind the computer for 8 hours a day

Writes a lot of homeworks everyday

Feels

Stressed

Unsured

Frustrated

Epic: Video calling/communication functionality

As a	I want to	So that
Students	Ask my questions in a reasonable time	I can clarify my learnings
Students	Participate meaningfully in the classes	Teacher can see how am I doing and gives me feedback
Parent	be able to communicate with my child's teacher	I know about the progress of her in school
Student	be able to communicate with my teacher	Ask them questions I might have about my school work or grades
Student	be able to talk with my classmates about the projects	We can do them together
Teacher	Reply to student messages	they feel I am reachable/accessible to them.
Teacher	be able to talk with each student individually	I can ensure them that they are in the right track
Students	have a lot of animations and cool design in the app	to make the material and design more understanble

Epic: Managing Assignments

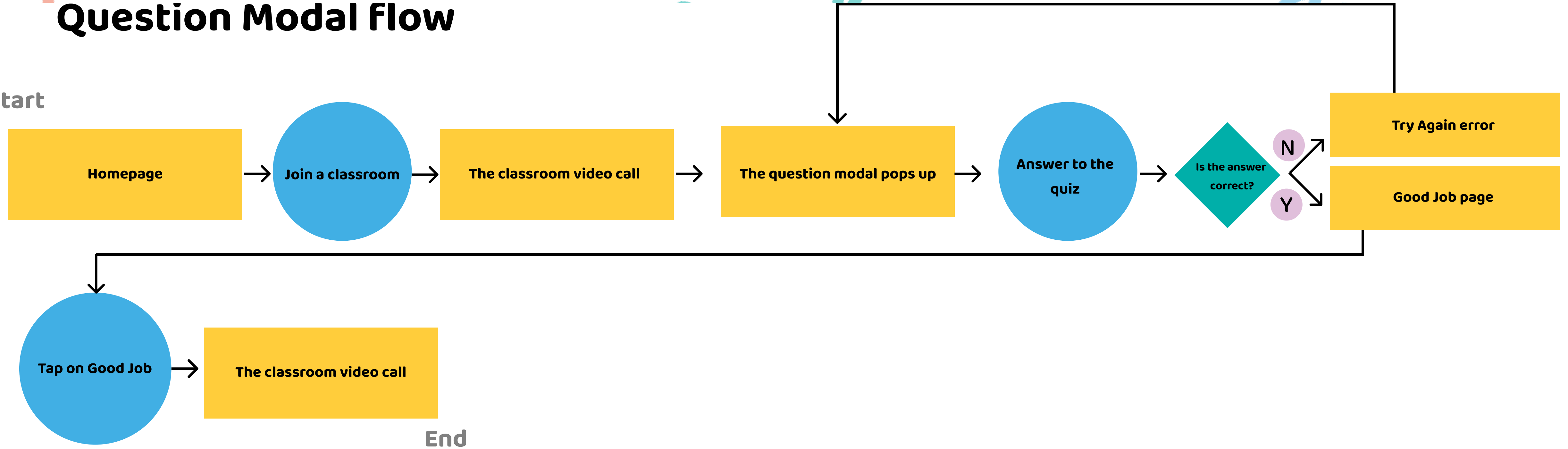| As a	I want to	So that
Teacher	Share course content	My students can view it on their own time outside of class
Teacher	Can see all the student's schedule	So I don't give them a lot of homework when they have another due.
Teacher	Aggregating all the homeworks in the app	I can check them and see them in one place
Parent	Know about my child's schedule	I can help them plan their day.
Parent	Know about my daughter's homework	I can remind her about doing it and turning it in correctly and
Student	Upload my homework easier	It can be done efficiently and before the deadline

Epic: Class Material Management

As a	I want to	So that
Students	Record my classes	I can reach them for studying
Students	To have the content that my teacher shares	I can study after class finishes
Students	be have a PDF of the class presentation	I can highlight it and review it easily
Teacher	Can share the teaching material easily	My students can have access to it
Teacher	Share course content	My students can view it on their own time outside of class
Student	Can upload my handwritten notes	I can read them and access them when studying
Student	Organize my lessons	I can access them later.
Student	To know what was today's lesson	If I couldn't attend to class I can access the material.
Student	Organize my content by date	I can see the previous lesson that has been thought in order to review it before the class

Question Modal flow

```
Homepage  →  Join a classroom  →  The classroom video call  →  The question modal pops up  →  Answer to the quiz  →  Is the answer correct?
```

N → Try Again error

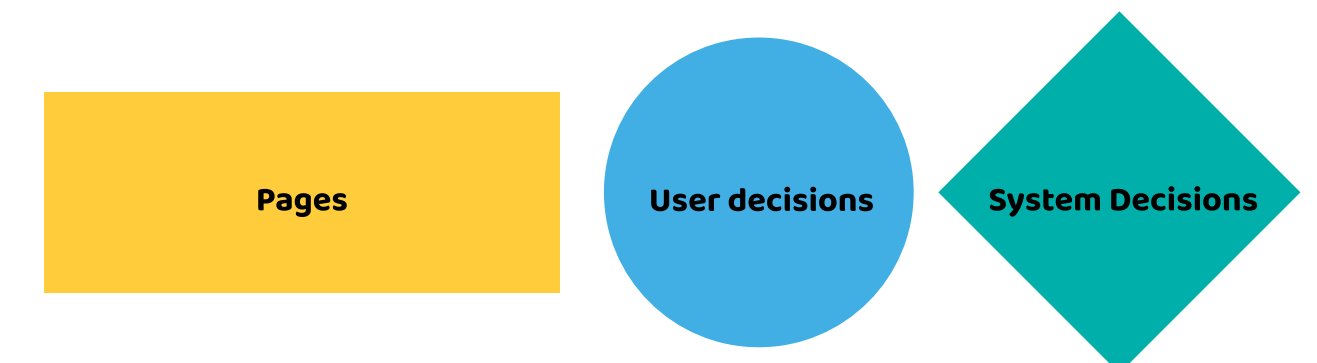Y → Good Job page

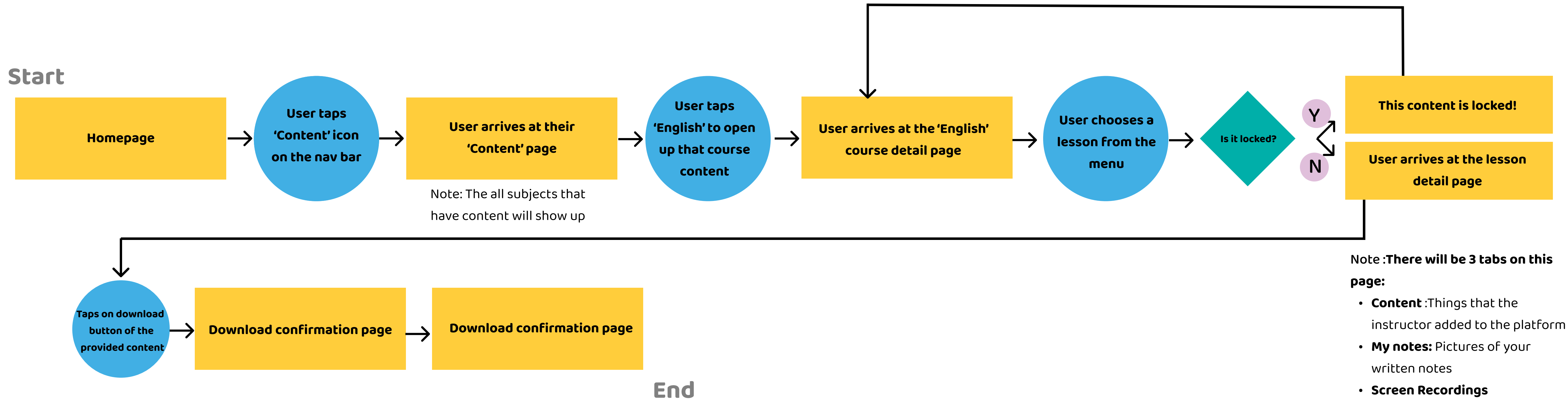Tap on Good Job → The classroom video call

Persona: Teacher

Epic:communication functionality

User Story: As a **teacher** I want to **be able to know if my students understood the content that was taught in the class or not** so that **I can change the pace of the class according to my students knowledge**

Legend

Pages

User decisions

System Decisions

12

Downloading Class content

Homepage → User taps 'Content' icon on the nav bar → User arrives at their 'Content' page → User taps 'English' to open up that course content → User arrives at the 'English' course detail page → User chooses a lesson from the menu → Is it locked?

Note: The all subjects that have content will show up

Y → This content is locked!

N → User arrives at the lesson detail page

Note : **There will be 3 tabs on this page:**
- **Content** : Things that the instructor added to the platform
- **My notes:** Pictures of your written notes
- **Screen Recordings**

Taps on download button of the provided content → Download confirmation page → Download confirmation page

Persona: Student

Epic:Class Material Management

User Story: As a **student** I want to **be able to be able to download the content that I have learned** so that **I can review them after the class**

Legend

Pages | User decisions | System Decisions

13

Assignment Uploading

Note: There will be all the upcoming assignment in order of the time

Start

Homepage → Taps on the assignment tab in the nav bar → The assignment screen → Tap on the upcoming assignment → The assignment detail screen → Taps on the "see content notes" → The notes for that subject will appear

Taps on the assignment tab in the nav bar → The assignment detail screen → Taps on upload button → Upload confirmation page

End

Persona: Student

Epic:Managing Assignments

User Story: As a **student** I want to **be able to make sure about my homework's description** so that **I can get a good grade in my classes**

Legend

Pages | User decisions | System Decisions

14
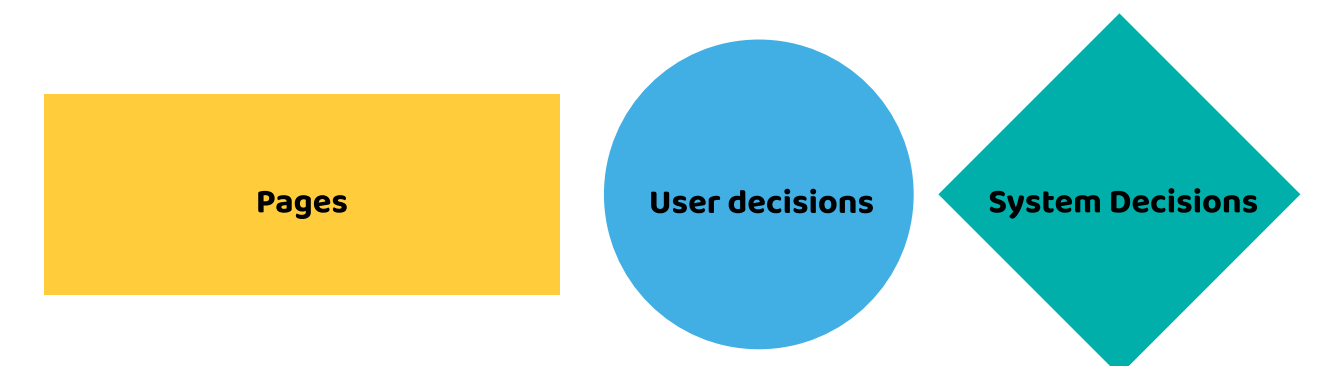
Flow 1 : Question Modal flow
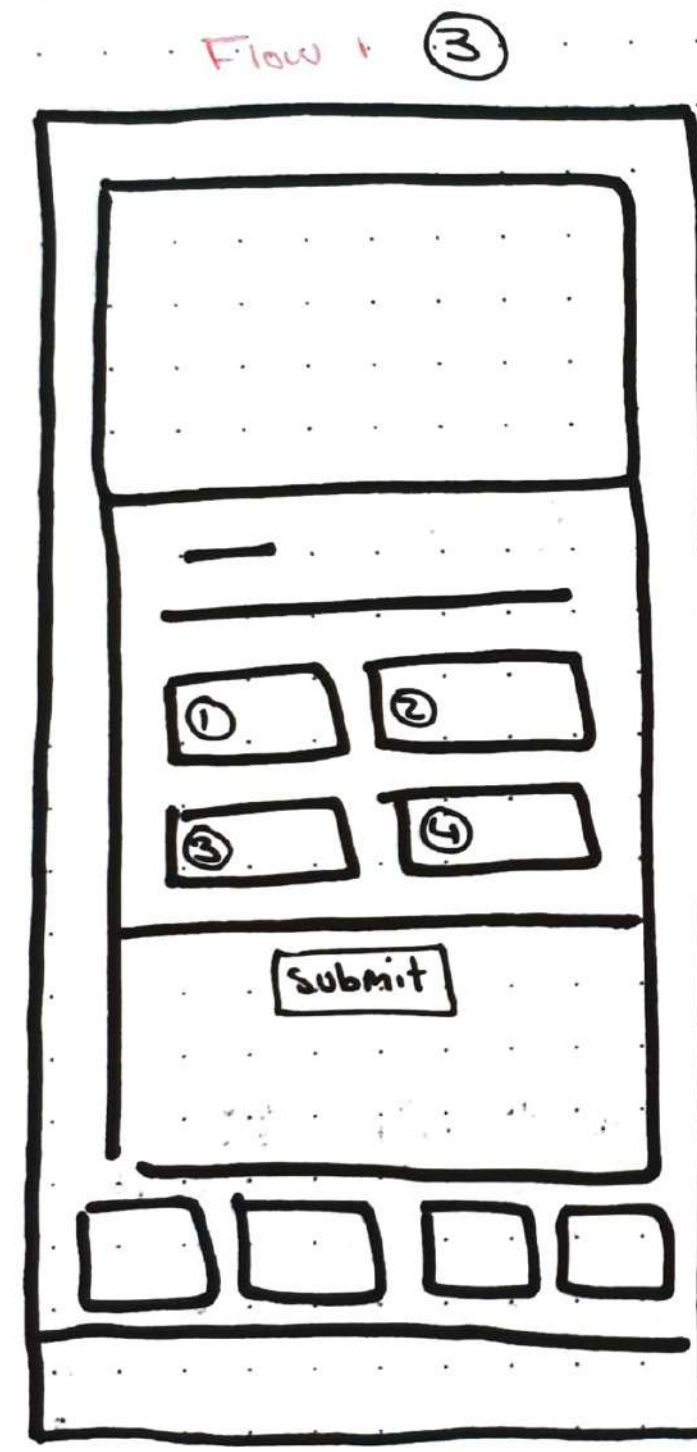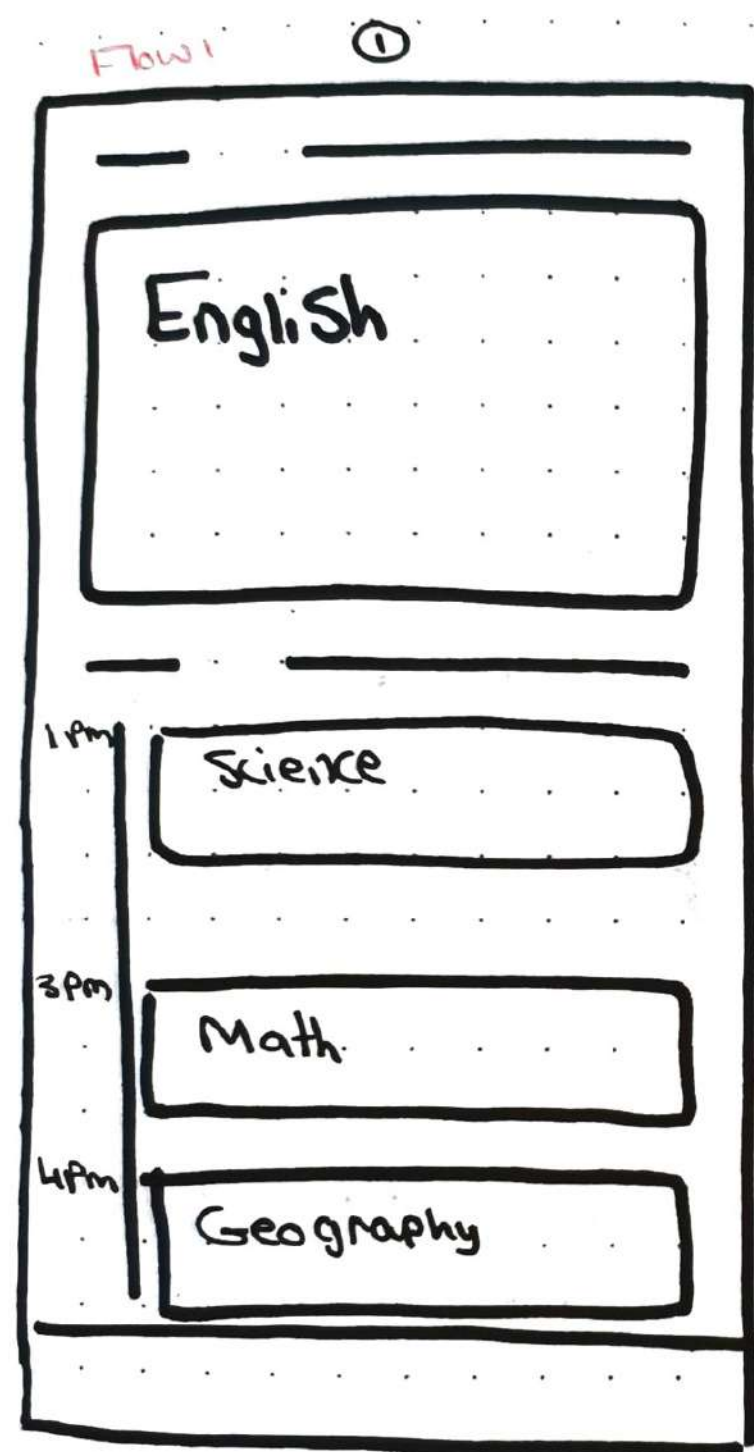
The first page is about showing today's schedule to the kids.
As soon as the class goes live, it's card become bigger and a join button will show up

The options for the video calling won't be there all the time.
Teacher can enable and disable each functionality like muting or screen sharing for each student whenever it is necessary.

Teacher can ask any question in the middle of the class.
It will appear as a modal while students can hear their teacher.
She will help them complete the quiz if necessary.

If they choose the right answer, we should be able to make them feel good about being right, with having a big, happy page with a positive sentence.

Flow 2 :Downloading Class content
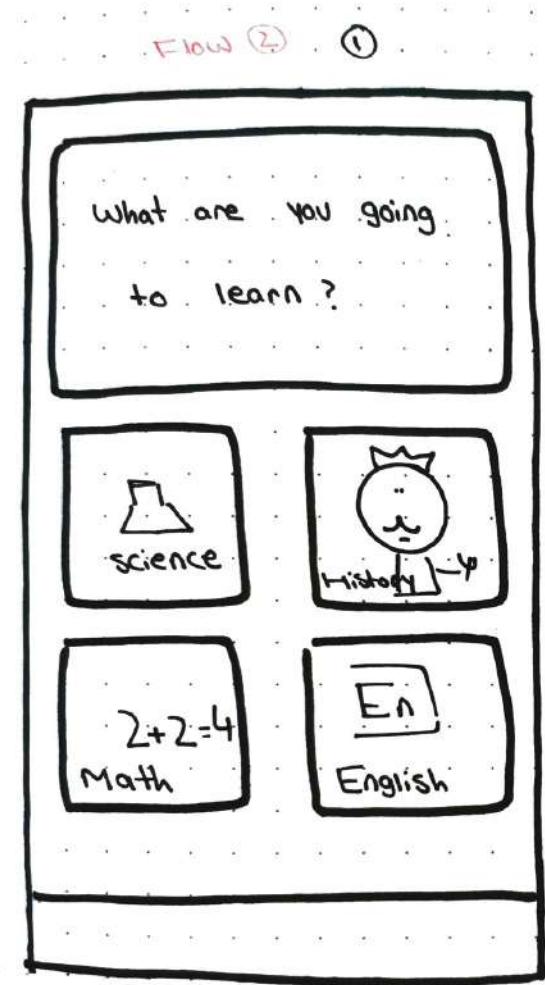
The cards should be big and clear.
Student can choose the topic that she/he wants to learn today.
Options depend on each student and the classes that he/she attends
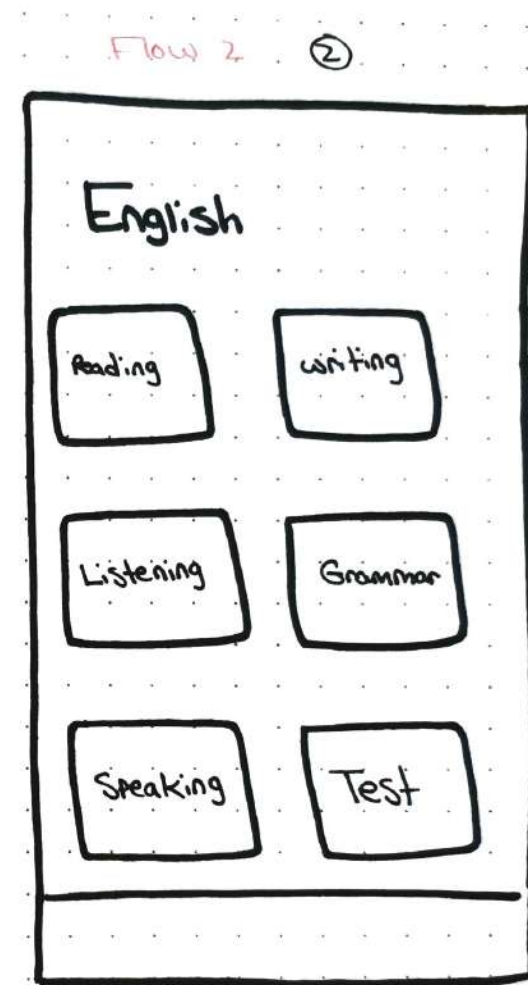
For each subject there will be sub-categories that help them organize the topic in their minds
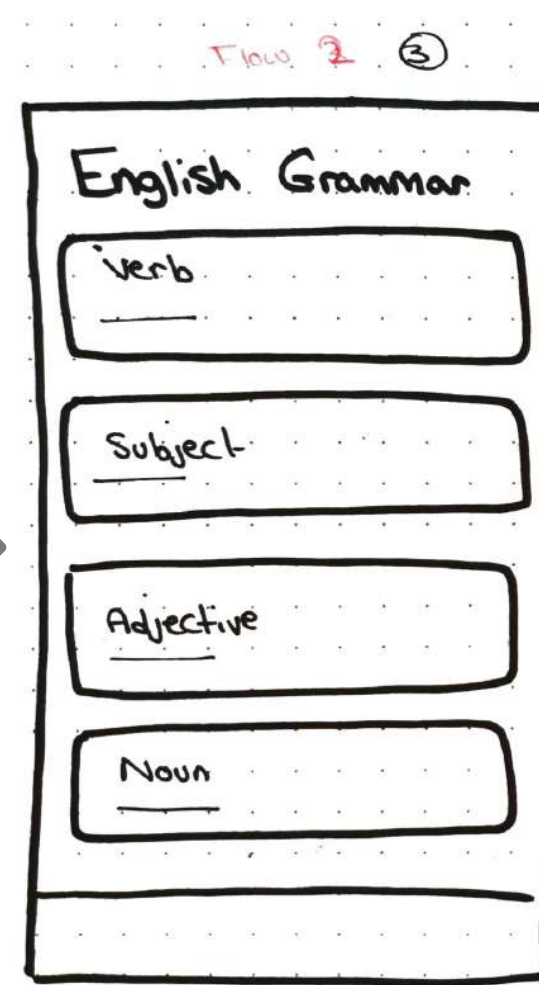
When they choose one category they will be able to see when each category has been thought.
So they can review the subject from the start or just revisit the last grammar in this example.
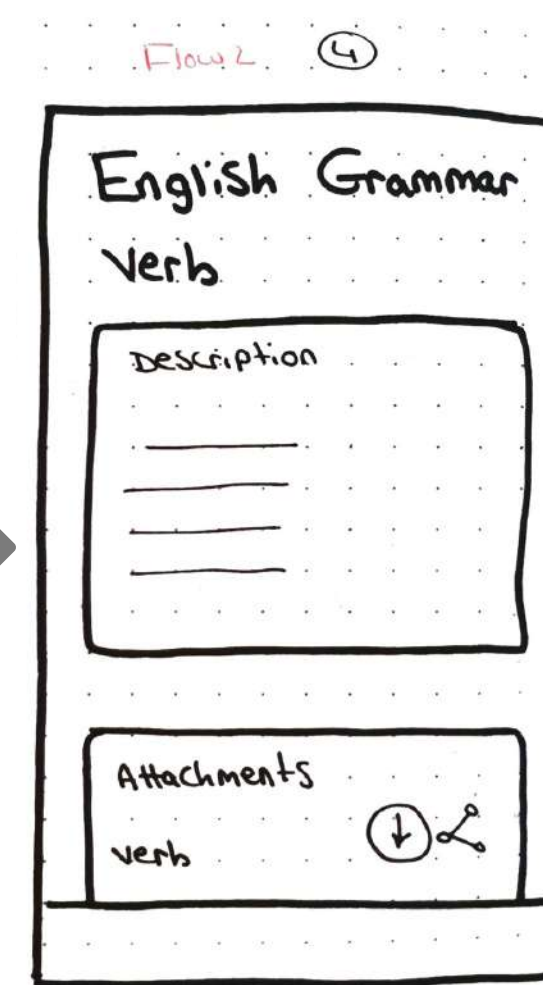
There will be a description for each topic, and they can find the PDF or Slides of the subject in its page.
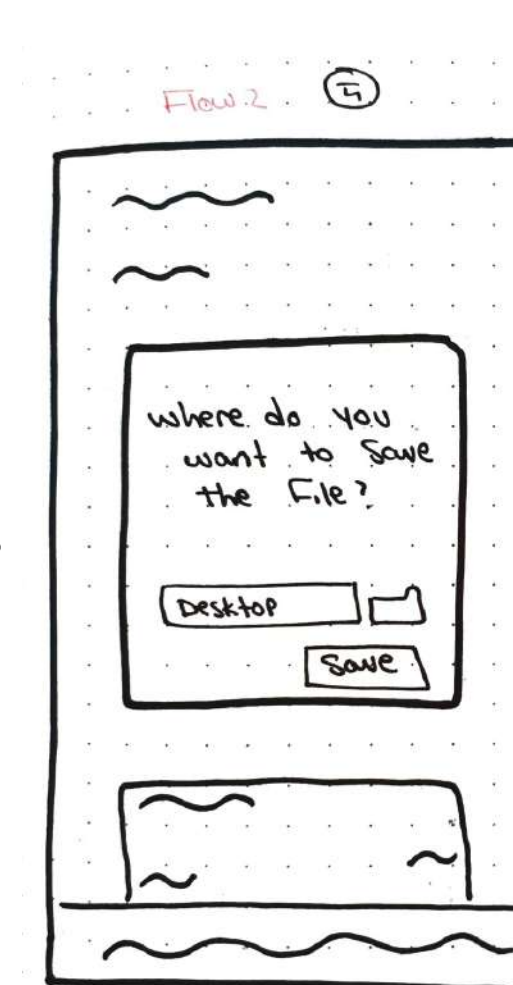
They can choose the place to save the document.
We won't let them loose the file!

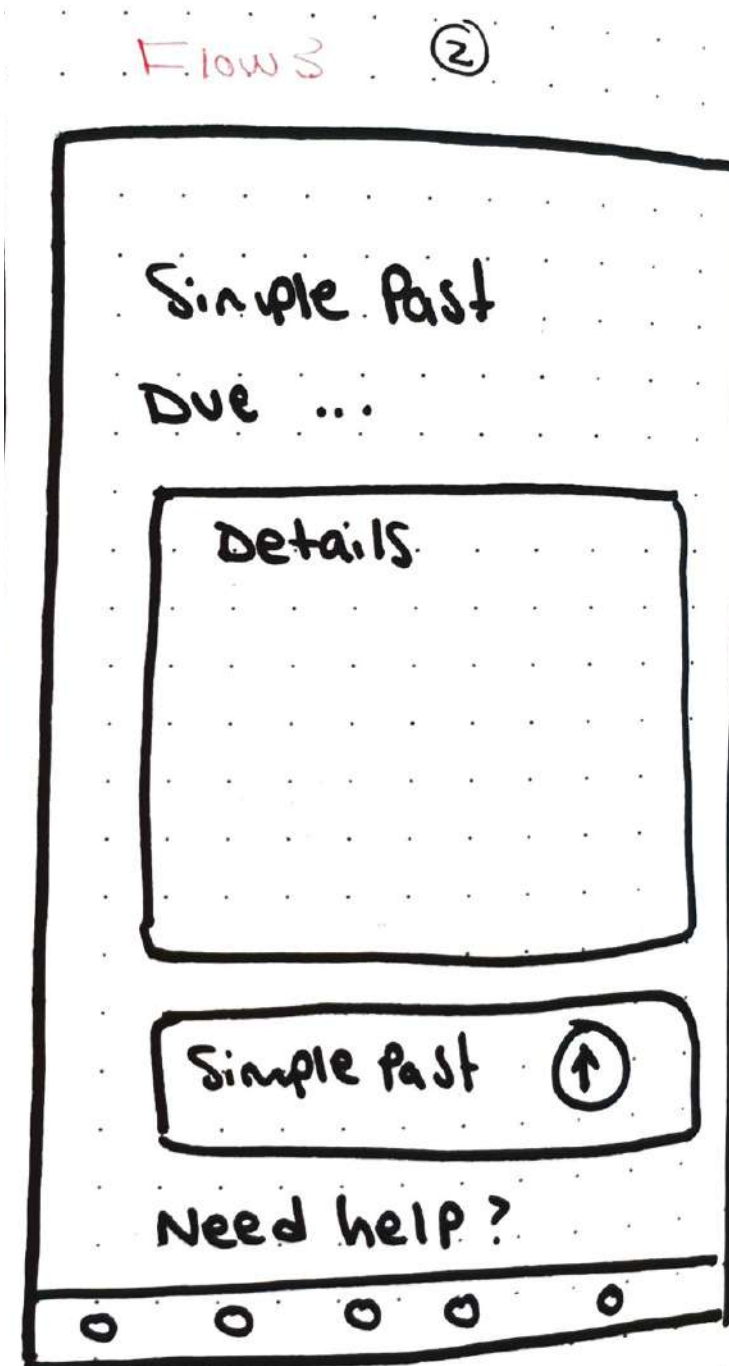We will blur the rest of the page to focus all the attention on the modal.
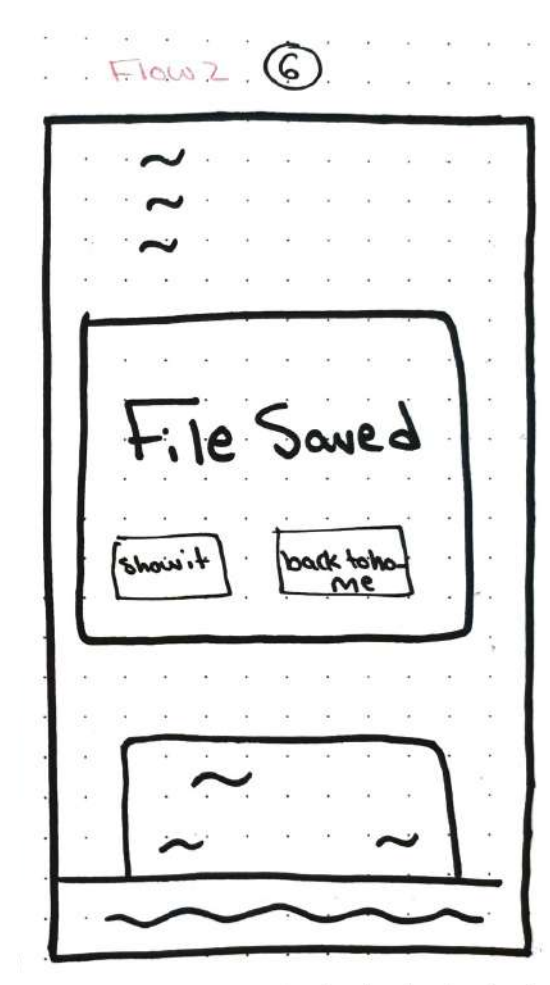
A big and clear confirmation page!

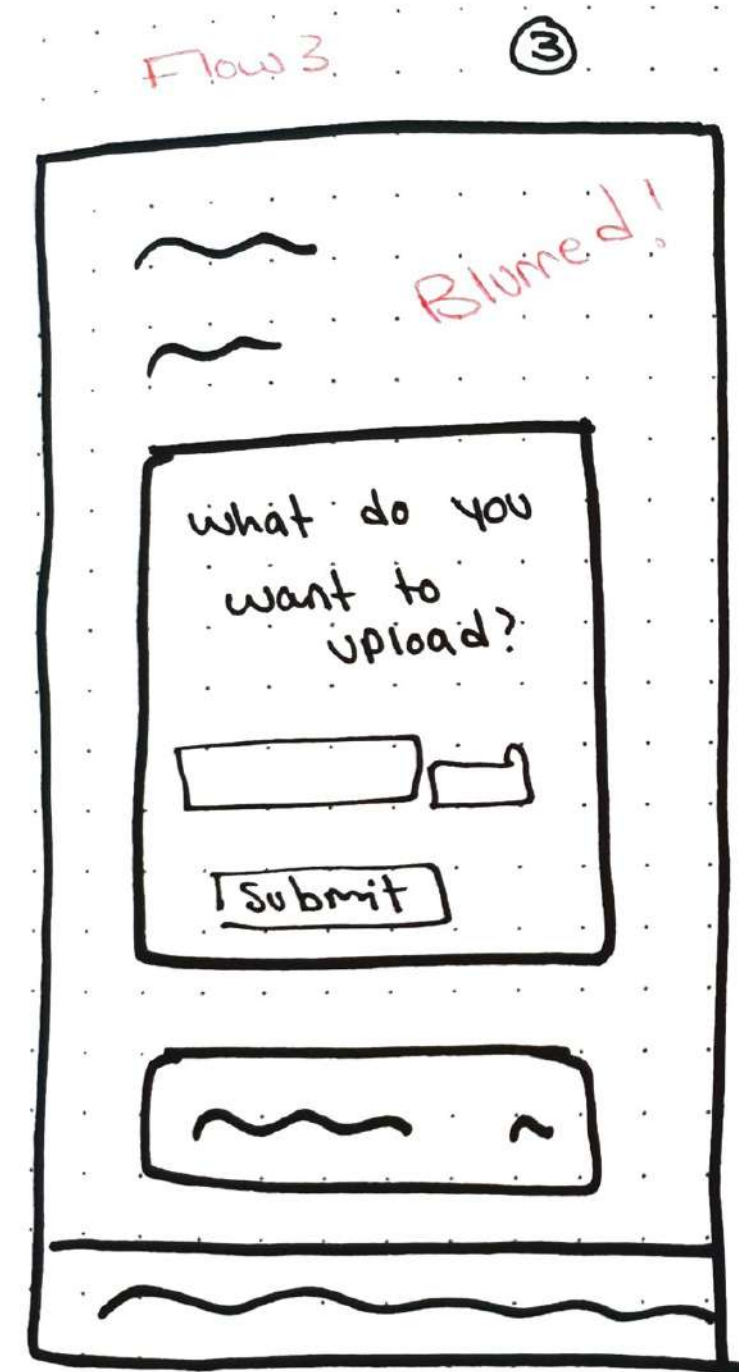We will blur the rest of the page to focus all the attention on the modal.
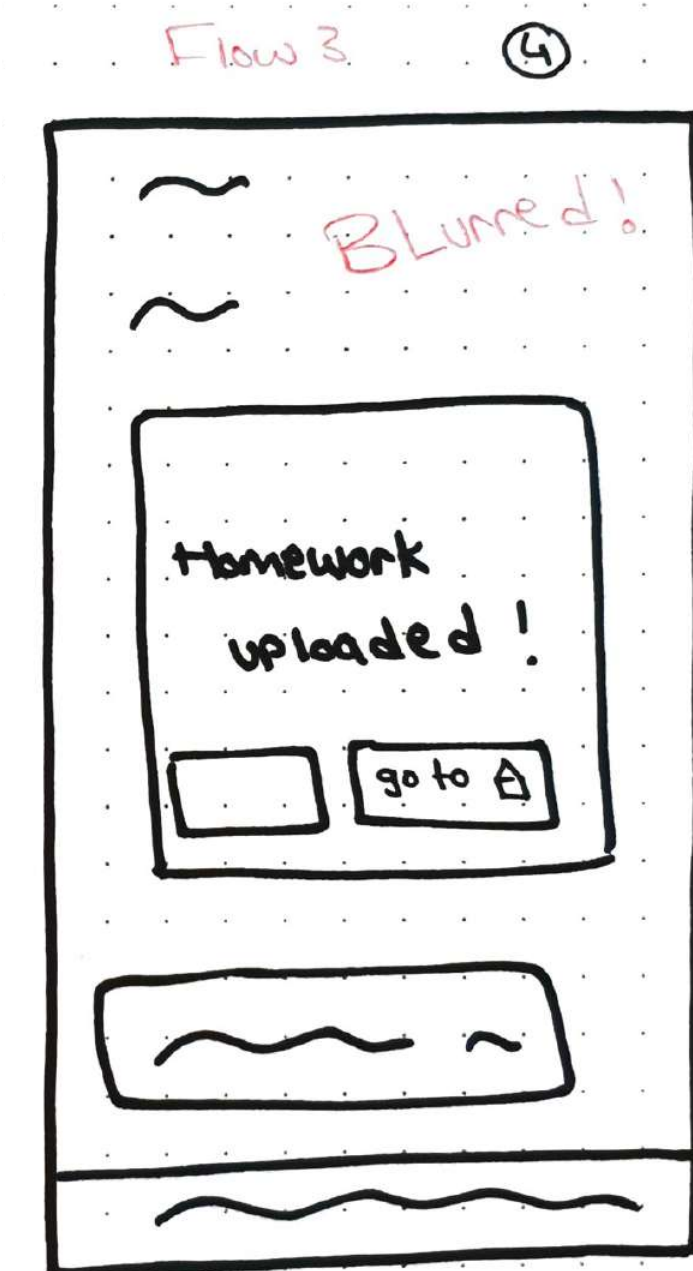
Flow 3:Upload an assignment
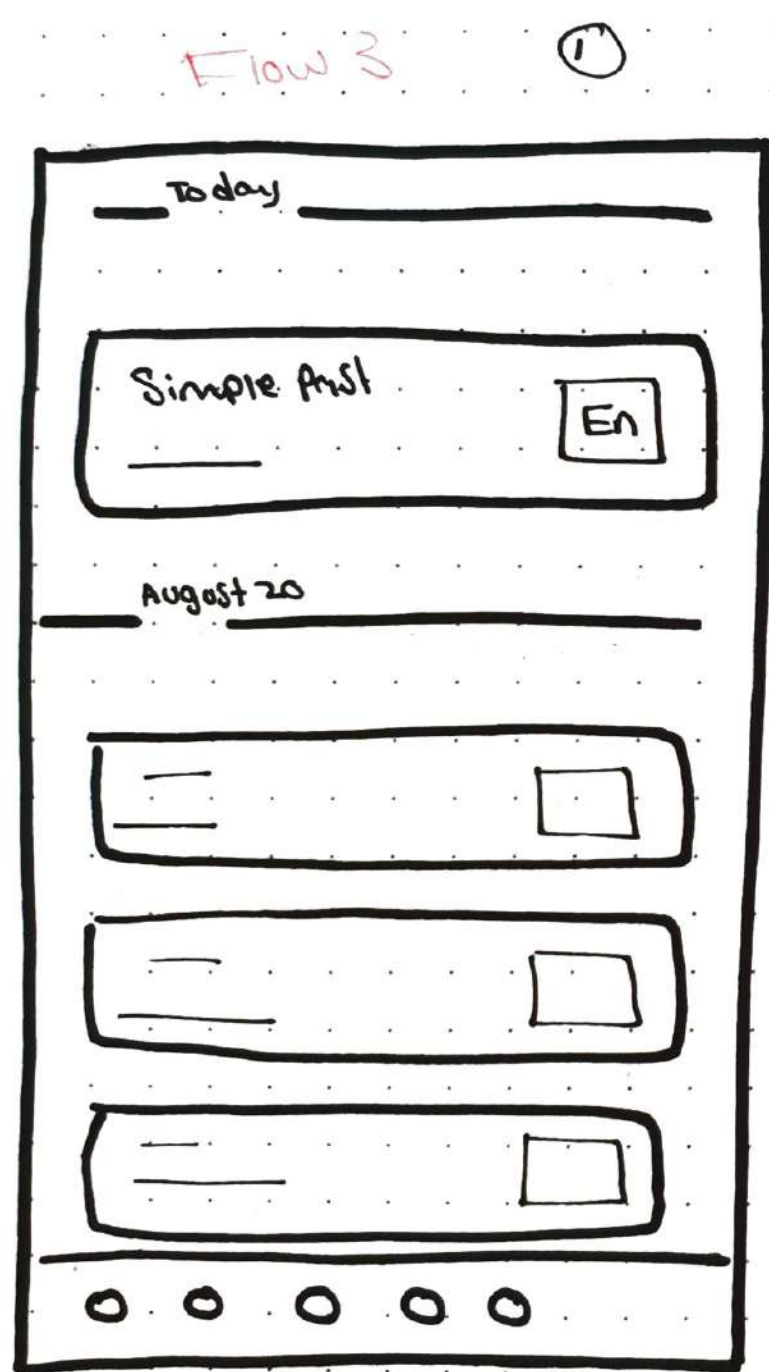
For uploading assignments it is important to organize them with their due dates.

The description page help them know what is their teacher's expectations.
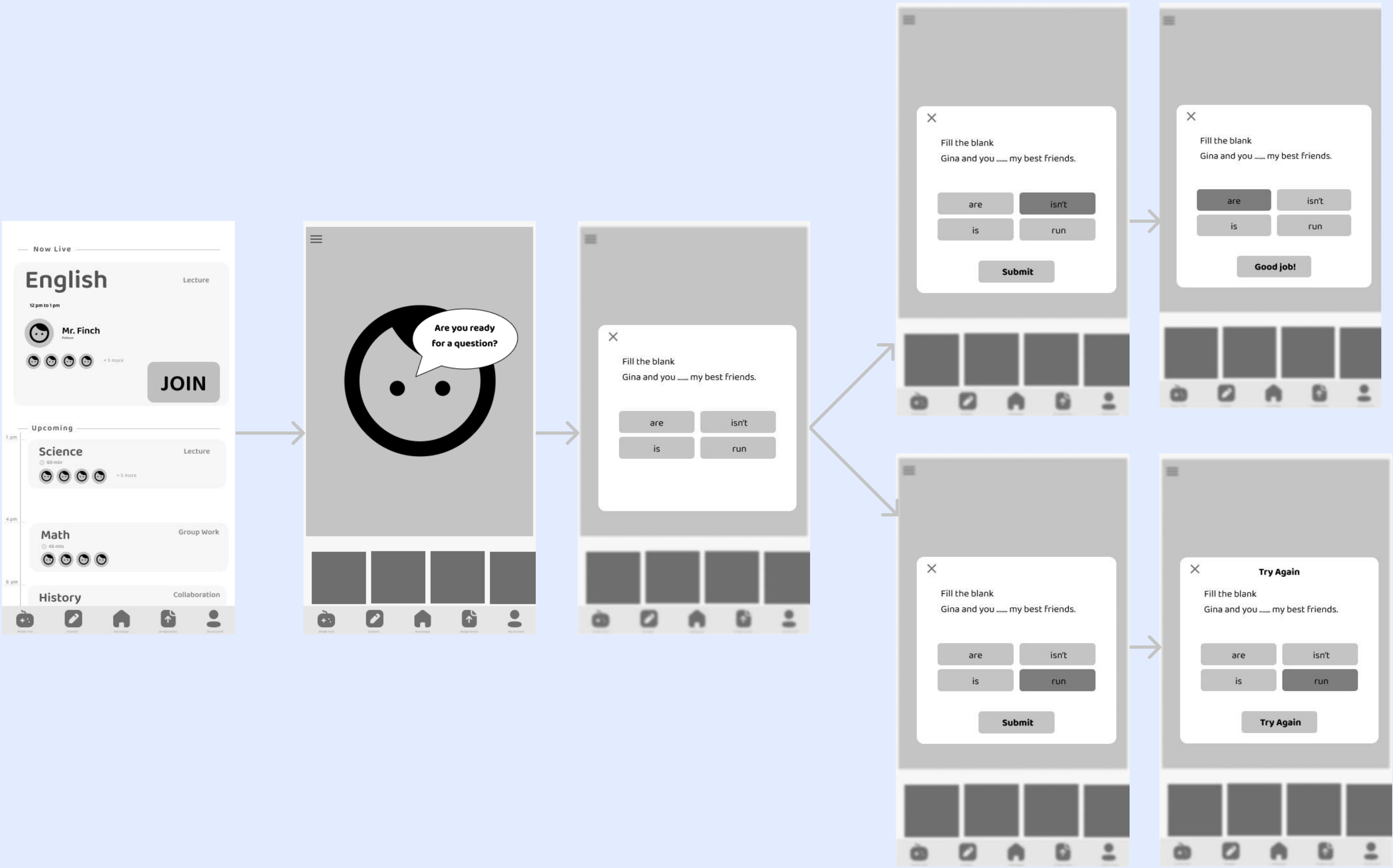And When they tap on "Need help?" button they can message their

They have to upload their homework here We will blur the rest of the page to focus all the attention on the modal.
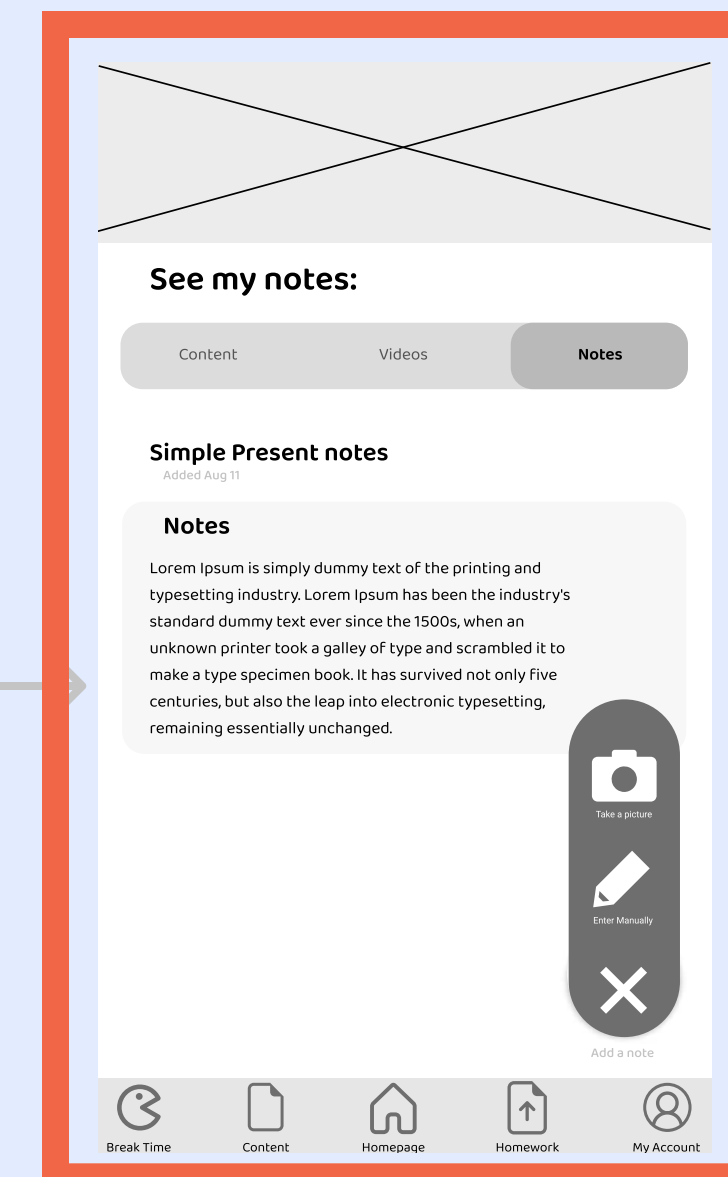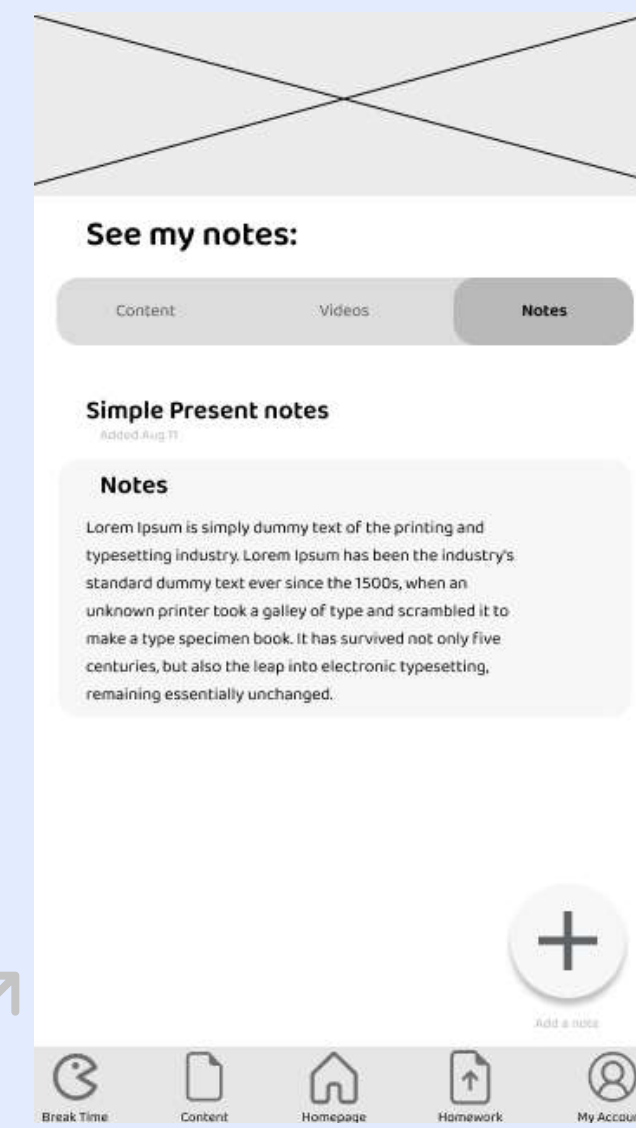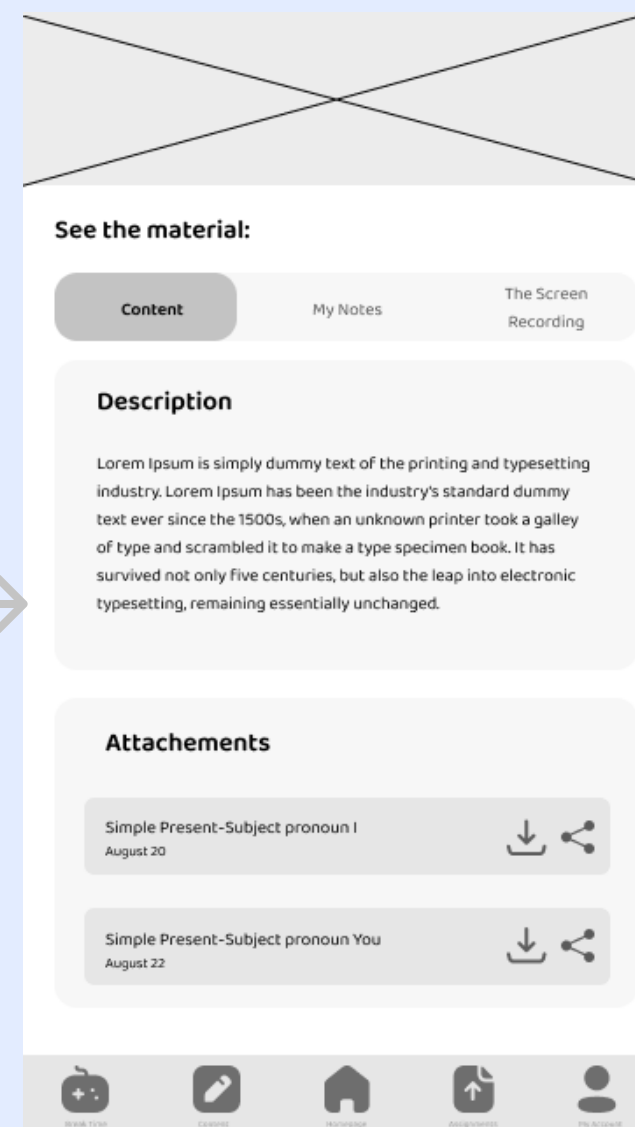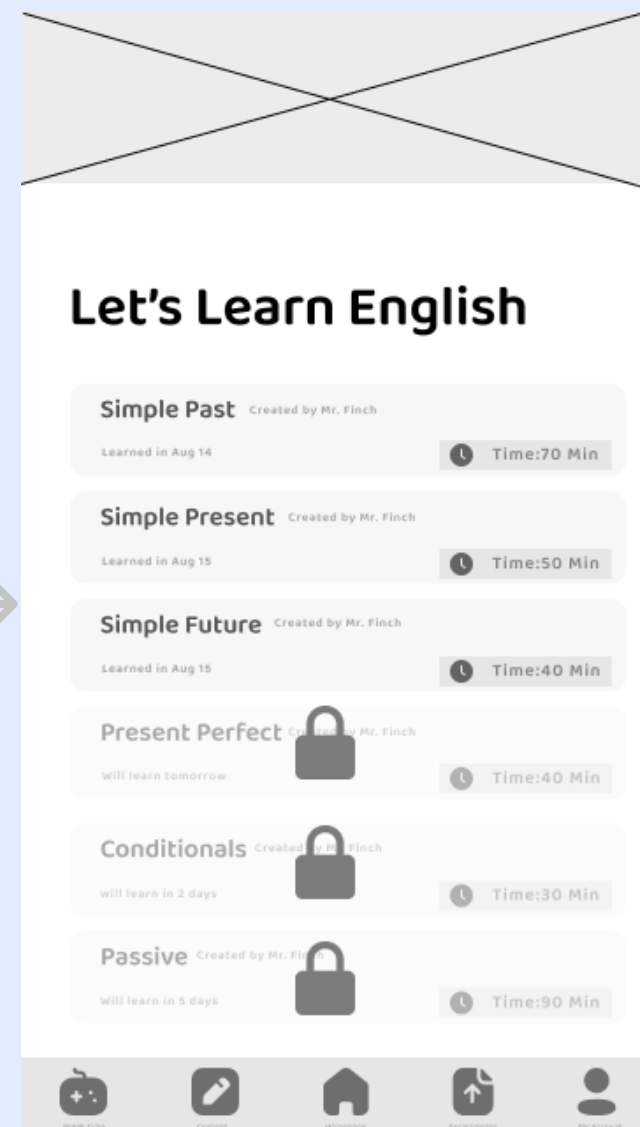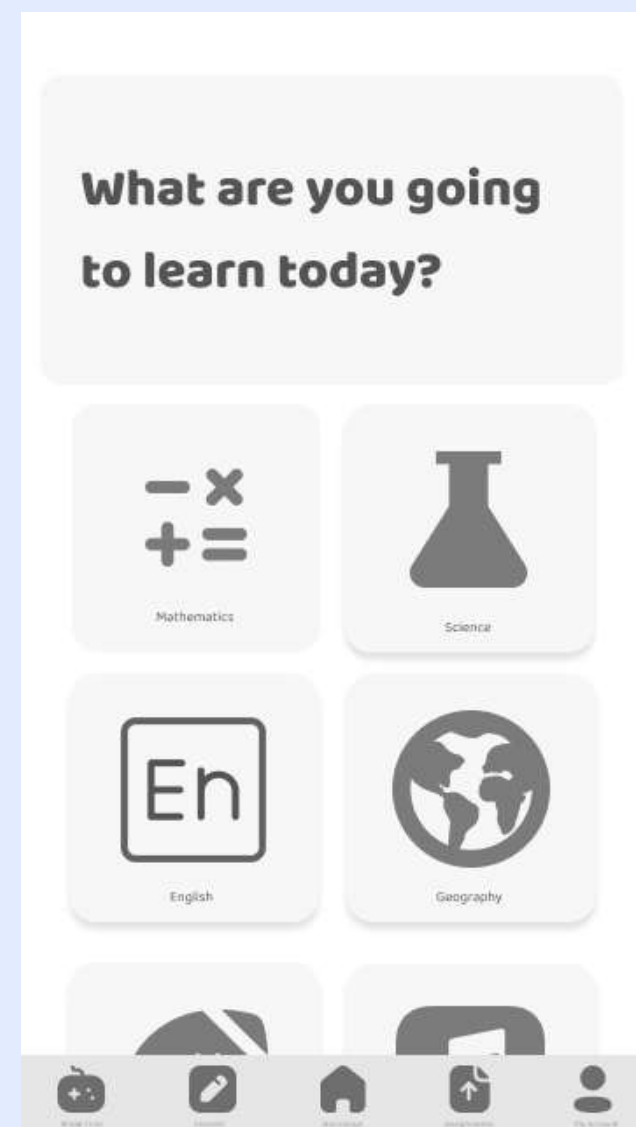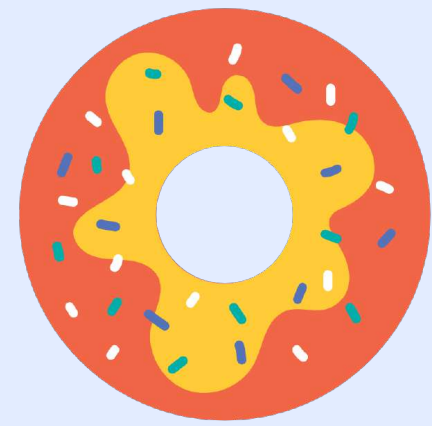

A big and clear confirmation page!

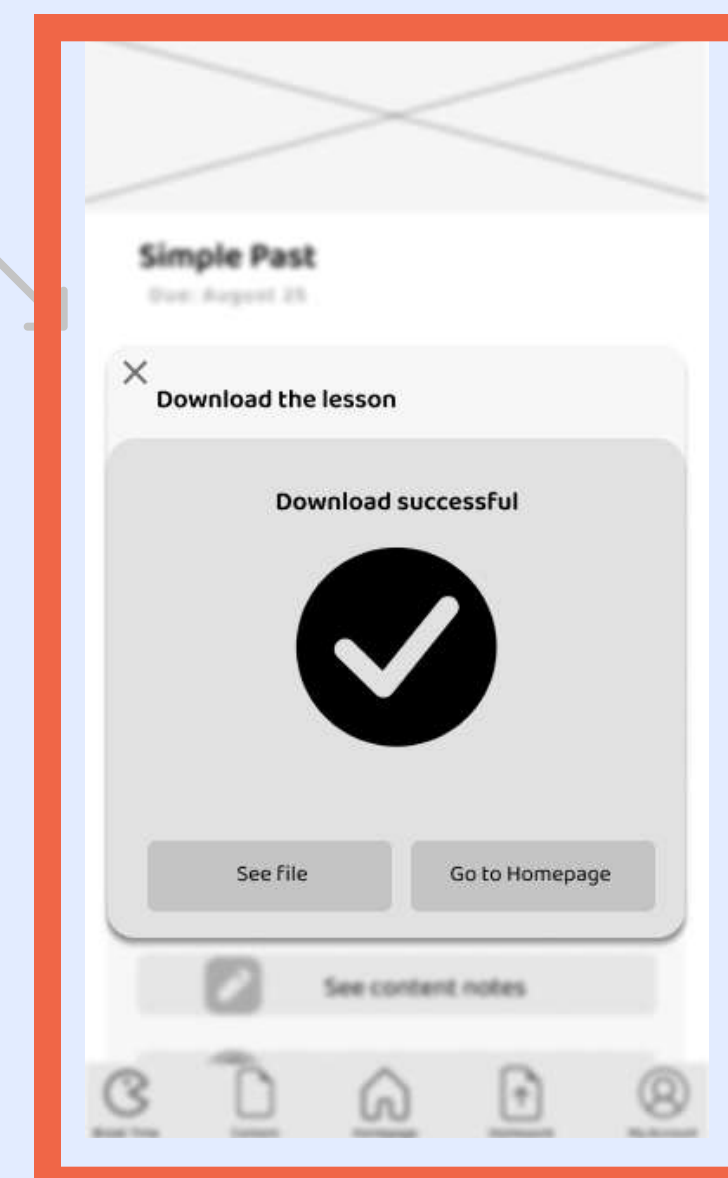We will blur the rest of the page to focus all the attention on the modal.

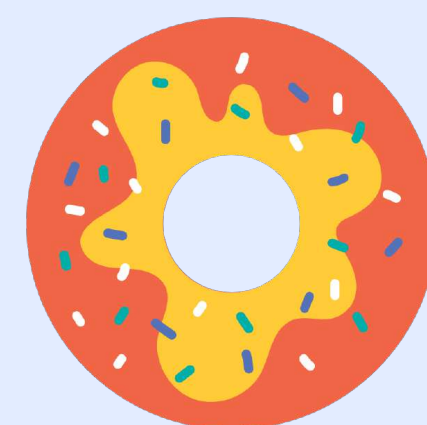# Flow 1 (Wireframe) : Question Modal flow

Flow 2 (Wireframe) :Downloading Class content

What are you going to learn today?

Mathematics

Science

En — English

Geography

Let's Learn English

Simple Past Created by Mr. Finch
Learned in Aug 14 — Time:70 Min

Simple Present Created by Mr. Finch
Learned in Aug 15 — Time:50 Min

Simple Future Created by Mr. Finch
Learned in Aug 15 — Time:40 Min

Present Perfect — Time:40 Min
Will learn tomorrow

Conditionals — Time:30 Min
Will learn in 2 days

Passive Created by Mr. F... — Time:90 Min
Will learn in 5 days

See the material:

Content | My Notes | The Screen Recording

Description

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Attachements

Simple Present-Subject pronoun I
August 20

Simple Present-Subject pronoun You
August 22

Break Time | Content | Homepage | Homework | My Account

See my notes:

Content | Videos | **Notes**

Simple Present notes
Added Aug 11

Notes

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Add a note

Break Time | Content | Homepage | Homework | My Account

See my notes:

Content | Videos | **Notes**

Simple Present notes
Added Aug 11

Notes

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Take a picture
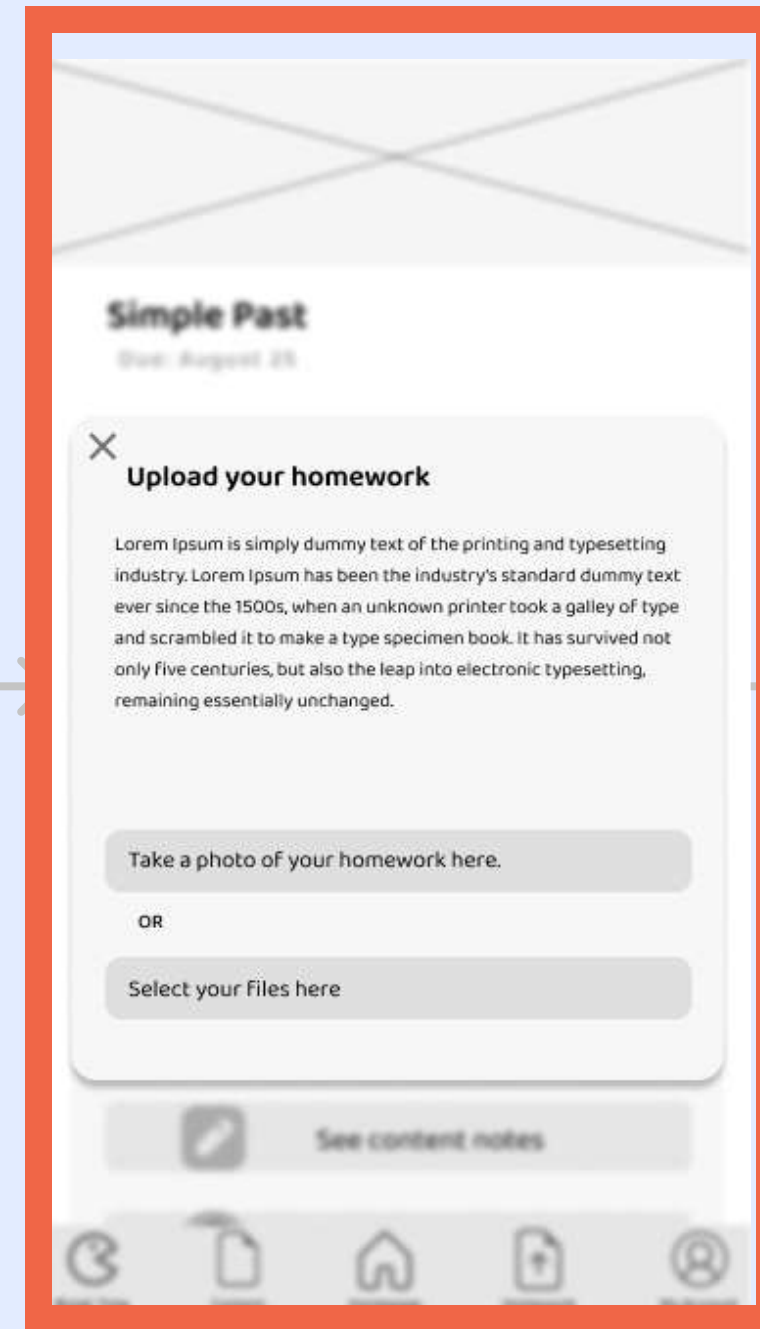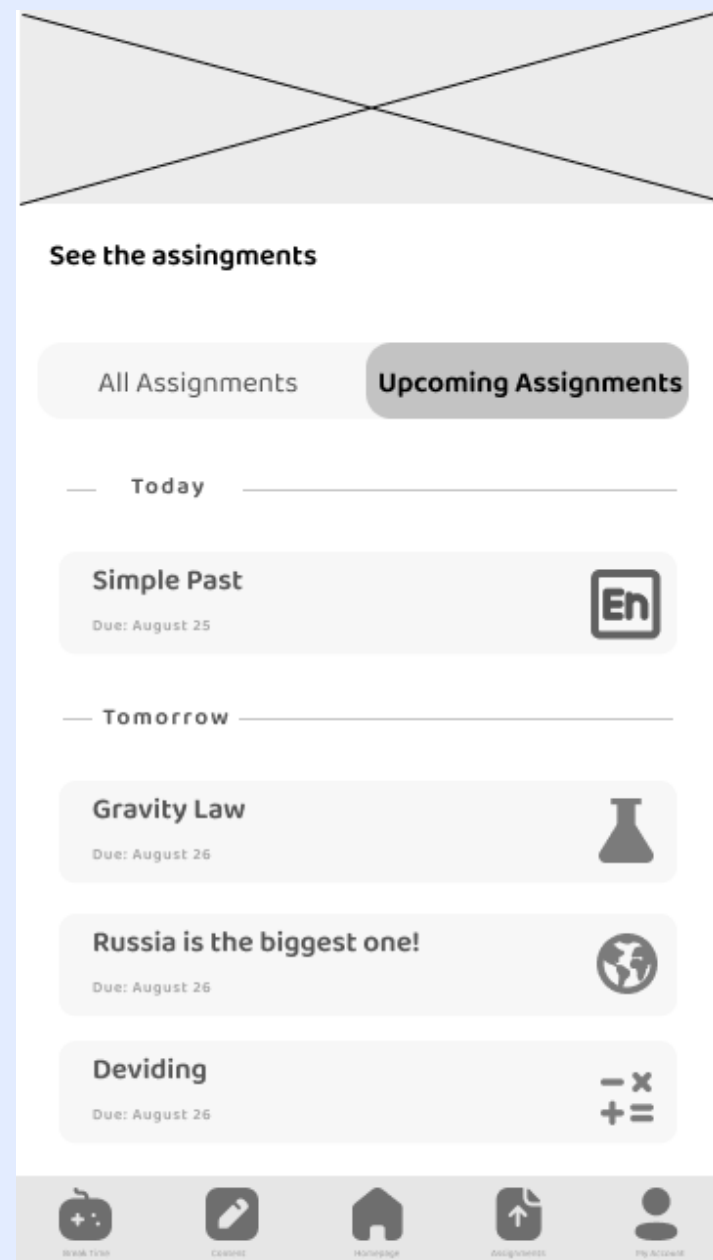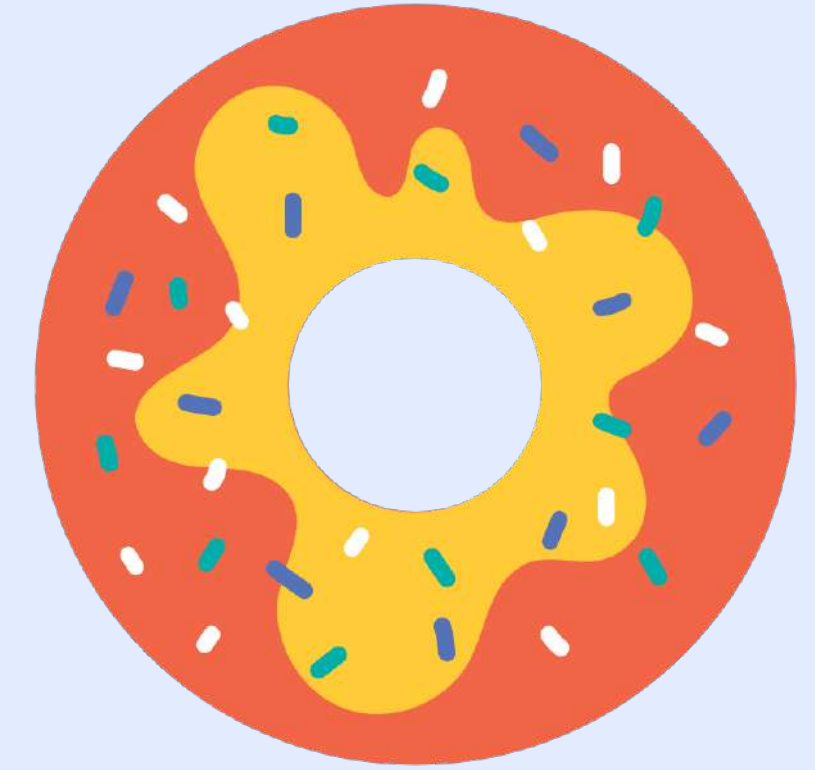
Enter Manualy

Add a note

Break Time | Content | Homepage | Homework | My Account

This page was added after user testing

Simple Past
Due: August 25

Download the lesson

Download successful

✓

See file | Go to Homepage

See content notes

Break Time | Content | Homepage | Homework | My Account

This page was added after user testing

19

Flow 3(Wireframe) :Upload an assignment

See the assingments

| All Assignments | **Upcoming Assignments** |

—— Today ——

Simple Past
Due: August 25   En

—— Tomorrow ——

Gravity Law
Due: August 26

Russia is the biggest one!
Due: August 26

Deviding
Due: August 26

Simple Past
Due: August 25

Delivarable Details

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Submission

Simple Present-Subject pronoun I
Due: August 20

Need help?

See content notes

Simple Past
Due: August 25

✕ **Upload your homework**

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Take a photo of your homework here.

OR

Select your files here

See content notes

This page was added after user testing

Simple Past
Due: August 25

✕ **Upload your homework**

Search by type or file name

Search

| Photos | Videos | Audio | **Document** |

| Simple Past Homework | Chemistry Homework | Mathematics |
| Math Homework | Exam 1 | Fun Print |

See content notes

This page was added after user testing

Simple Past
Due: August 25

✕ Download the lesson

Download not successful

✕

Try again   Go to Homepage

See content notes

Simple Past
Due: August 25

✕ Upload your homework

Upload successful

✓

See your Homework   Go to Homepage

See content notes

These pages were added
after user testing

20

	Ability to upload the assignment	Ability to download class content	Ability to answer to in class quizzes	Understandable language	Easy to understand icons
User 1	✅	✅	✅	⛔	✅
User 2	✅	✅	✅	✅	✅
User 3	✅	✅	✅	✅	✅
User 4	✅	✅	⛔	⛔	⛔
User 5	✅	✅	✅	✅	✅
	5/5	**5/5**	**4/5**	**3/5**	**4/5**

Assumption Mapping

Effort Required to fix

HIGH · LOW

Impact On Usability

HIGH

LOW

I am not sure if the task is finished or not.
- *Nazanin*

When I don't see a confirmation page I think that I haven't completed the task.
-Zach

The icons are not clear for me
- Ava

I like to see a big congratulations page when I answer correctly to a question!
- *Rojeh*

These are not words that we use in our classes.
- *Maryam*

I don't record my teacher's video when she teaches. If I want to review a topic I watch the videos on YouTube.
- *Avissa*

The icons at the bottom of the page is confusing
- *Delsa*

The text under each icon is very light and small
- *Samantha*

I am going to fix all the issues from the first round of user testing to make sure second round will be smoother.

Not enough visuals

The Confirmation for in class quizzes weren't as encouraging as what students expected it to be.

So the signs that indicate if the answer is wrong or right has changed .

Vague Navigation Bar

| Break Time | Content | Homepage | Assignments | My Account |
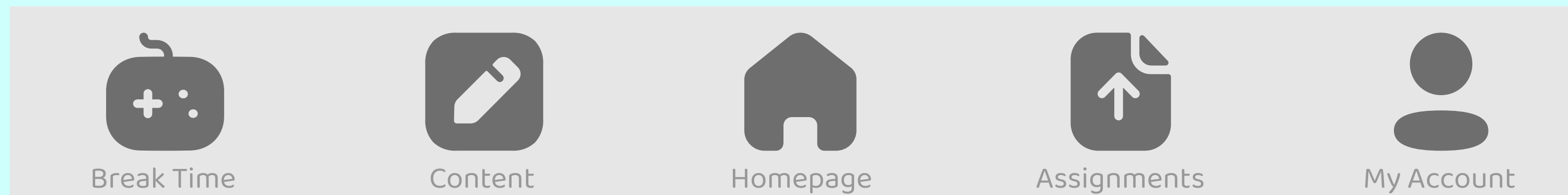
Previous Navigation Bar with not so understandable icons and small text

| Break Time | Content | Homepage | Assignments | My Account |
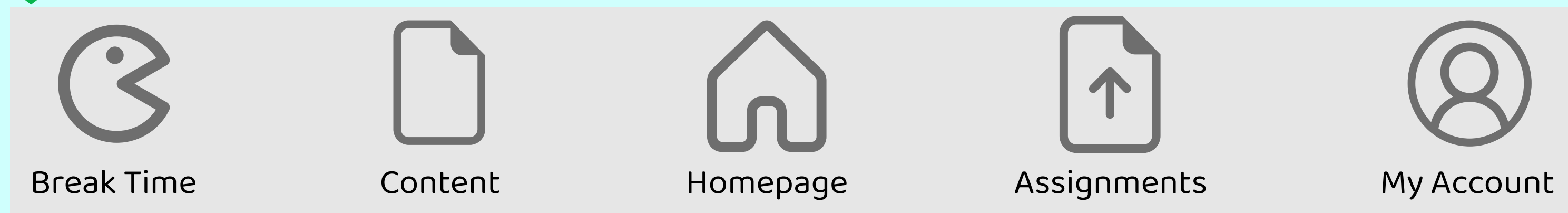
New Navigation bar is bigger and has more white space and bigger text description for each icon

Easy Language

As users are young children that English is

not their first language we try to keep the

language as simple as possible so after

some confusion in user testing these words

has changed:

Deliverable   Homework

Attachments   Files

Collaboration   Group Work

Lecture   Class

Class Material   Teacher notes

Description   What you have learned
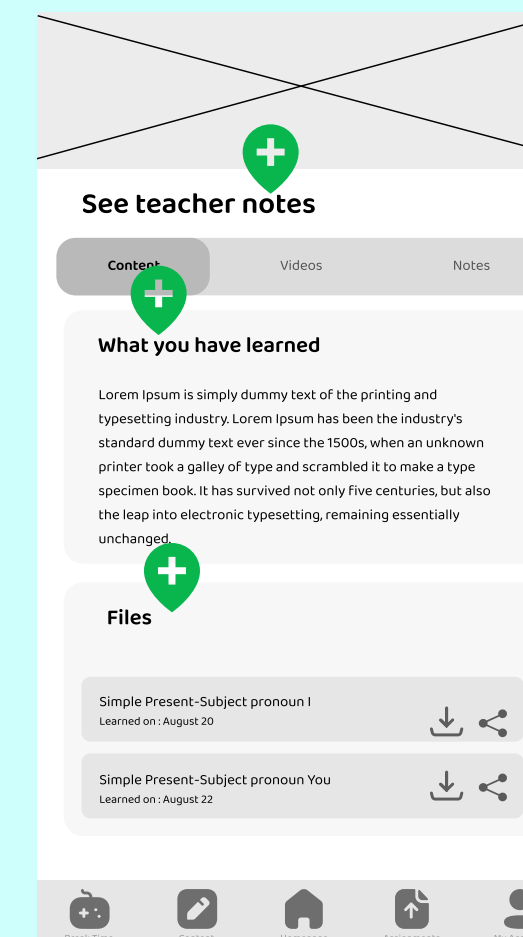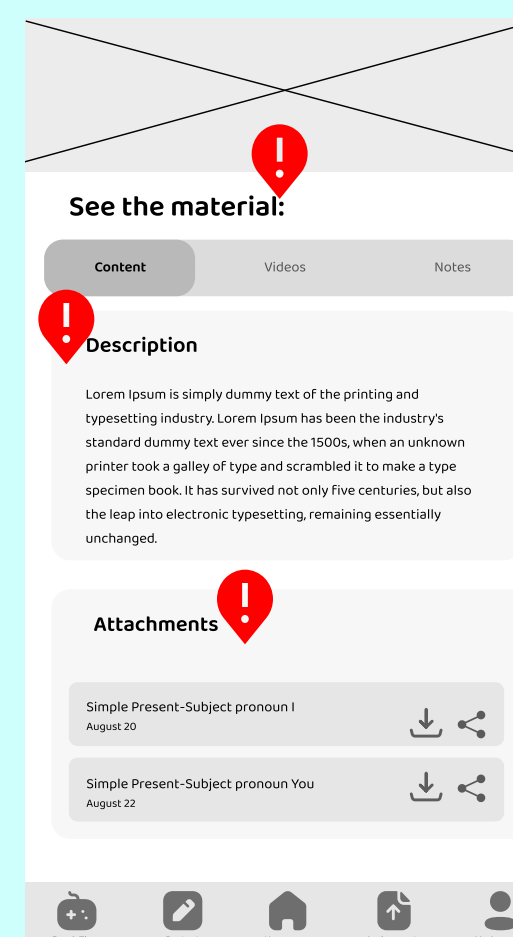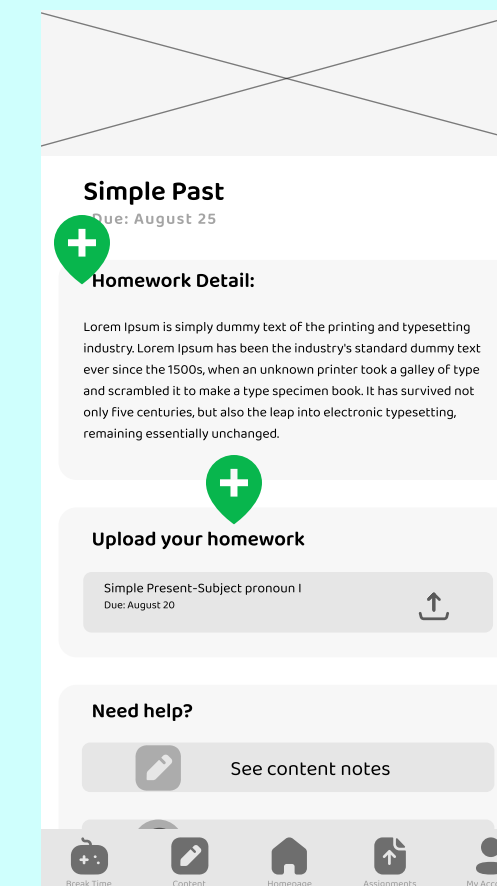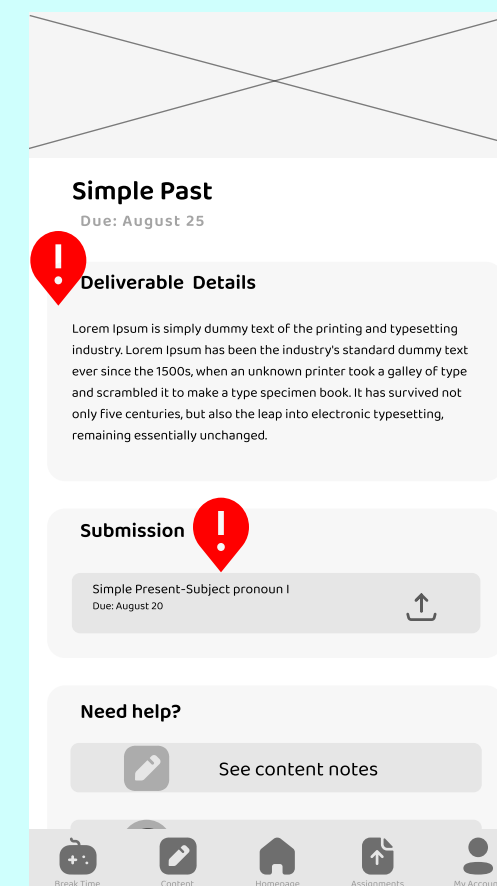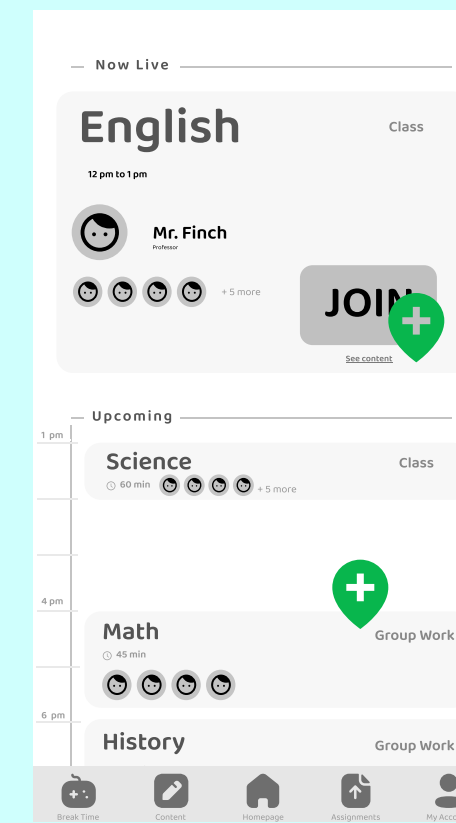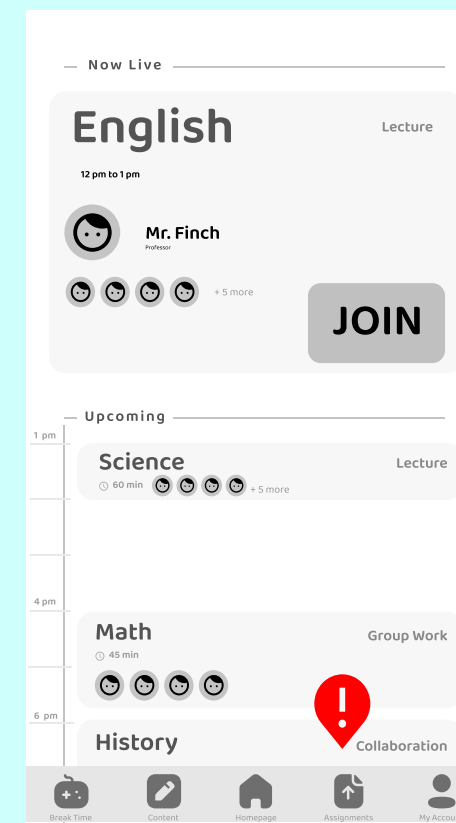
Better order for learning

| Content | Videos | **Notes** |

| Content | **Videos** | Notes |

| **Content** | Videos | Notes |

| Content | My Notes | **The Screen Recording** |

| Content | **My Notes** | The Screen Recording |

| **Content** | My Notes | The Screen Recording |
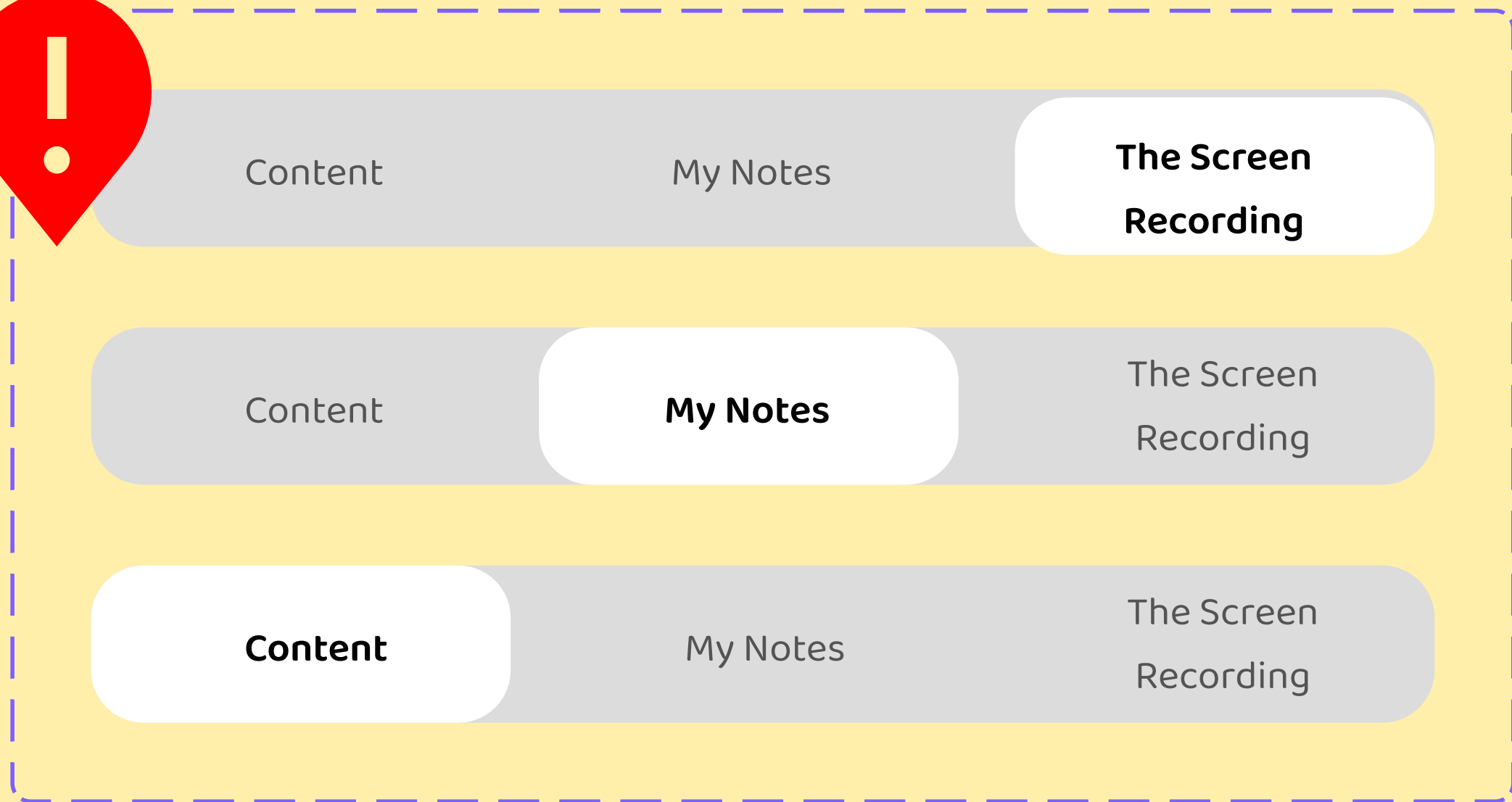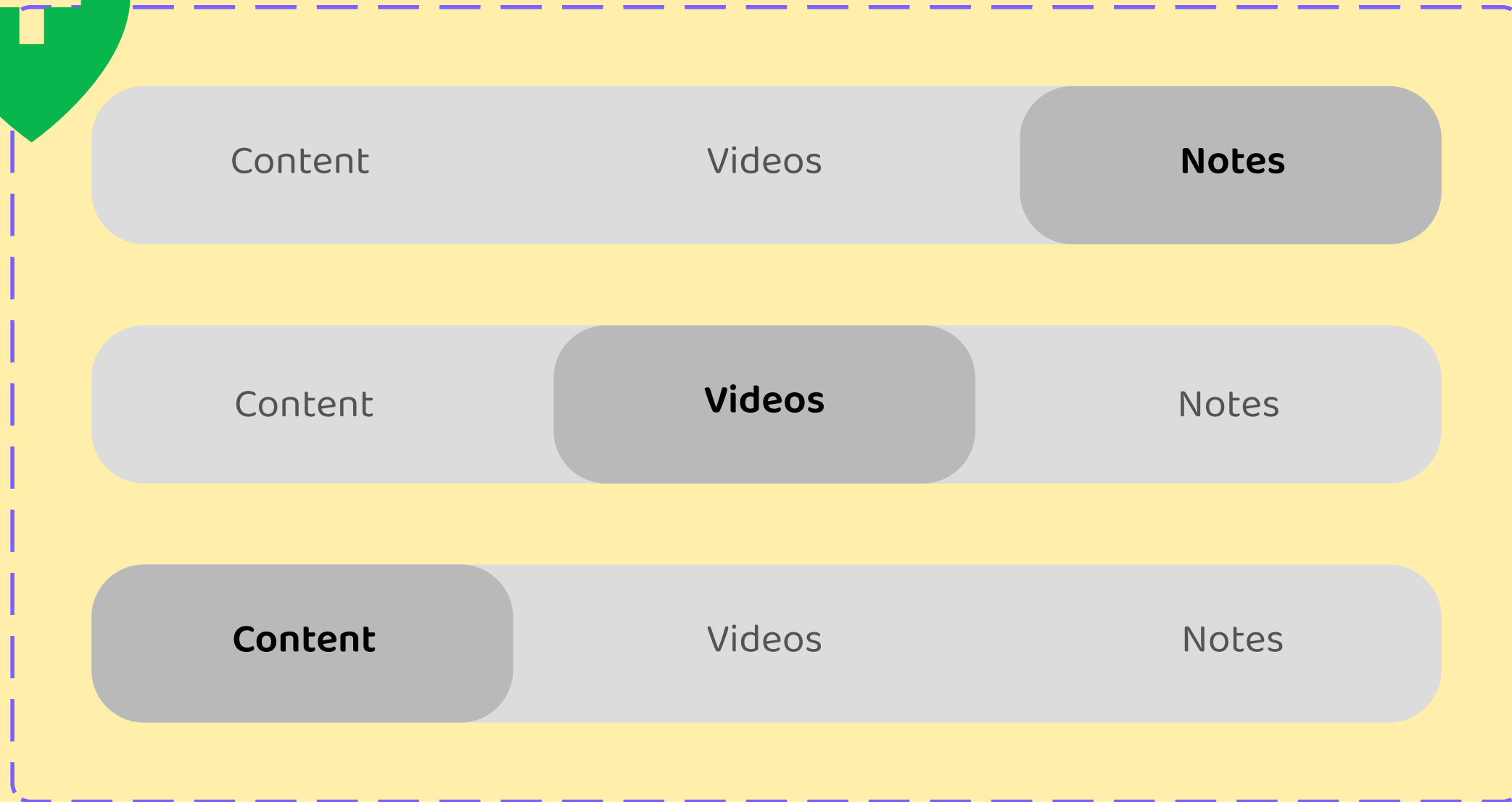
Having easy language in your product and organizing your data in your category is important for designing for kids.

That is why I have changed the layout of the navigation bar and made the order different.

I have included **videos** instead of **screen recordings** for visual learners in the app and Changed **my notes to** keep the text light and simple.

Complete flow, Complete test
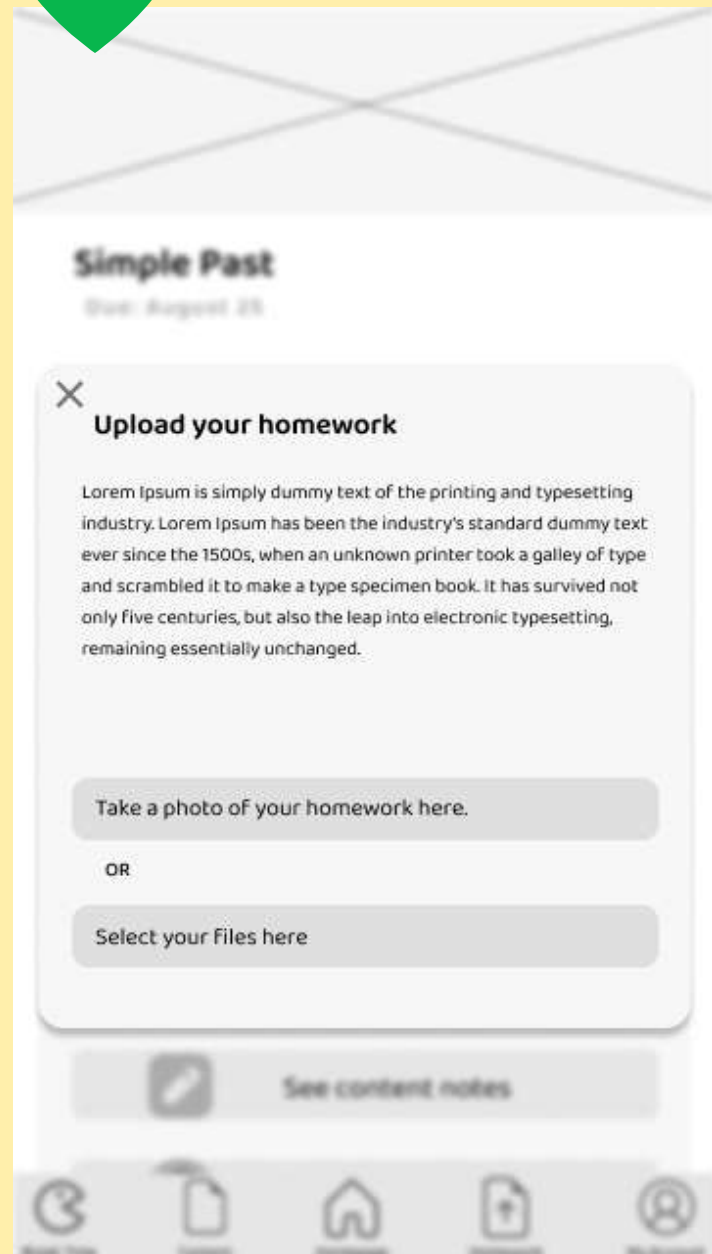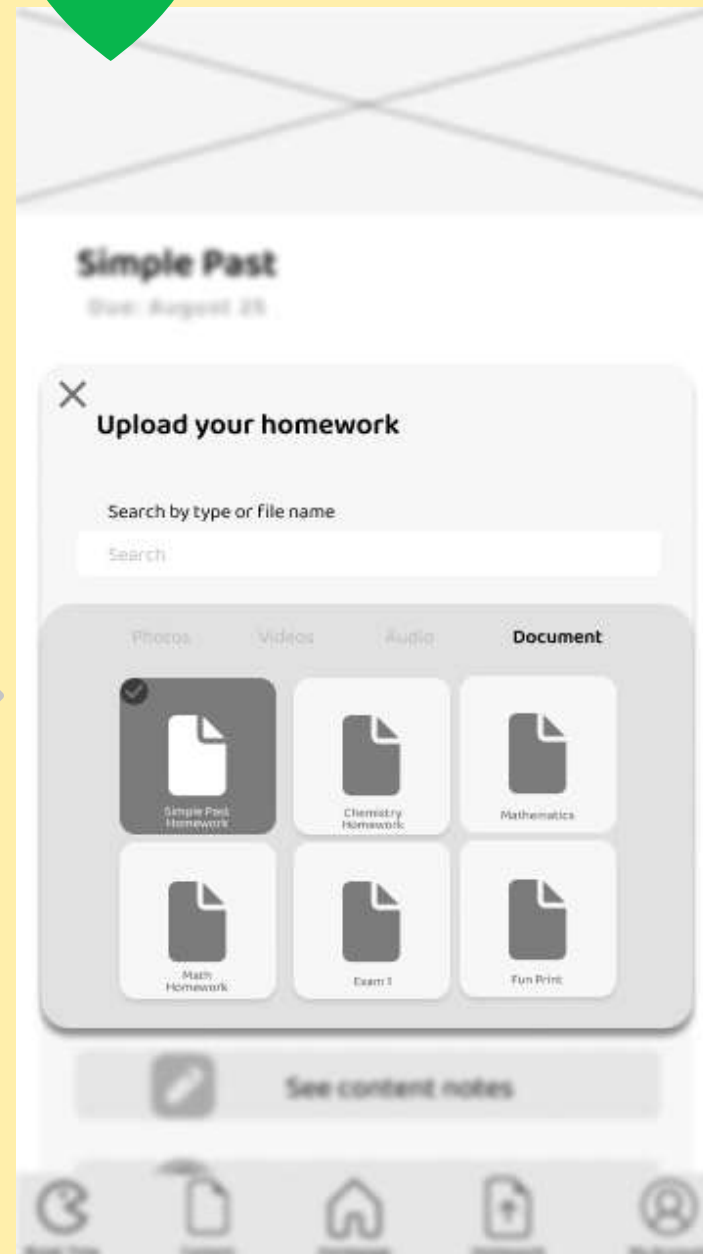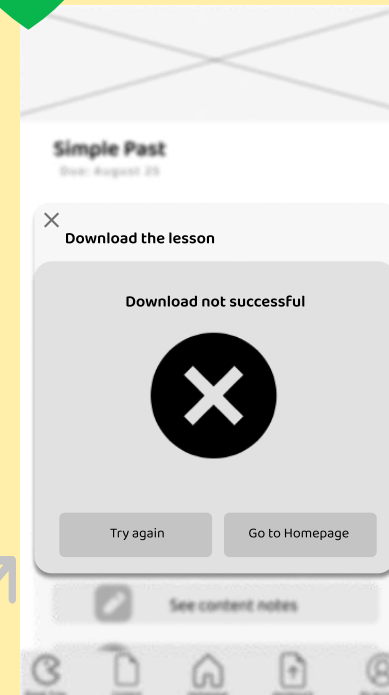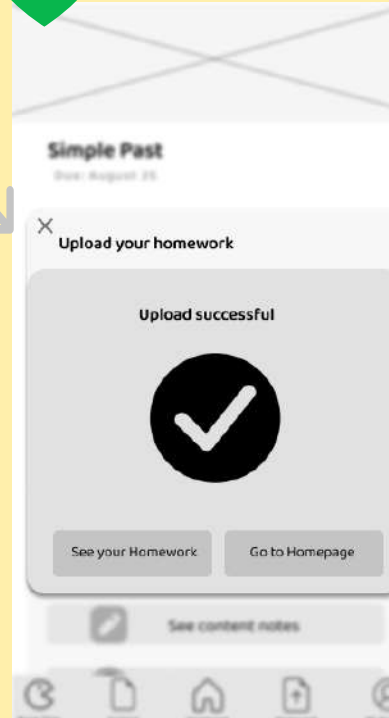
Having a confirmation page and uploading made the user testing easier and helped most of the testing more clear.

Although I thought having an upload button will indicate the feeling of uploading something, User tester didn't think that they have completed the task due to lack of confirmation page.

27

01 Branding

Purpose of orange

Orange characters

Orange tone

What is Orange?

Orange is an online platform that helps young students (Between the ages of 8 to 12) Learn easier.

The main goal of Orange is to facilitate the teacher-student relationship and help young learners understand their online learning environment better and lower their learning curve.

This app helps young learners to participate in online classes, upload their assignments and download class material.

It is mostly designed for children in developing countries that English is not their first language so one of the main purposes, is to keep it simple and lower the amount of text in the application.

Orange character

Kids connect with characters.

What would set the mood for learning? A character that can guide you through your experience!

What child doesn't love cartoons? All kids are immersed in animation. I believe their ability to relate to fictional characters – whether in books or cartoons -impacts their ability to relate to one another and adults. That is why we may need a character to make our application more memorable and easier to understand.
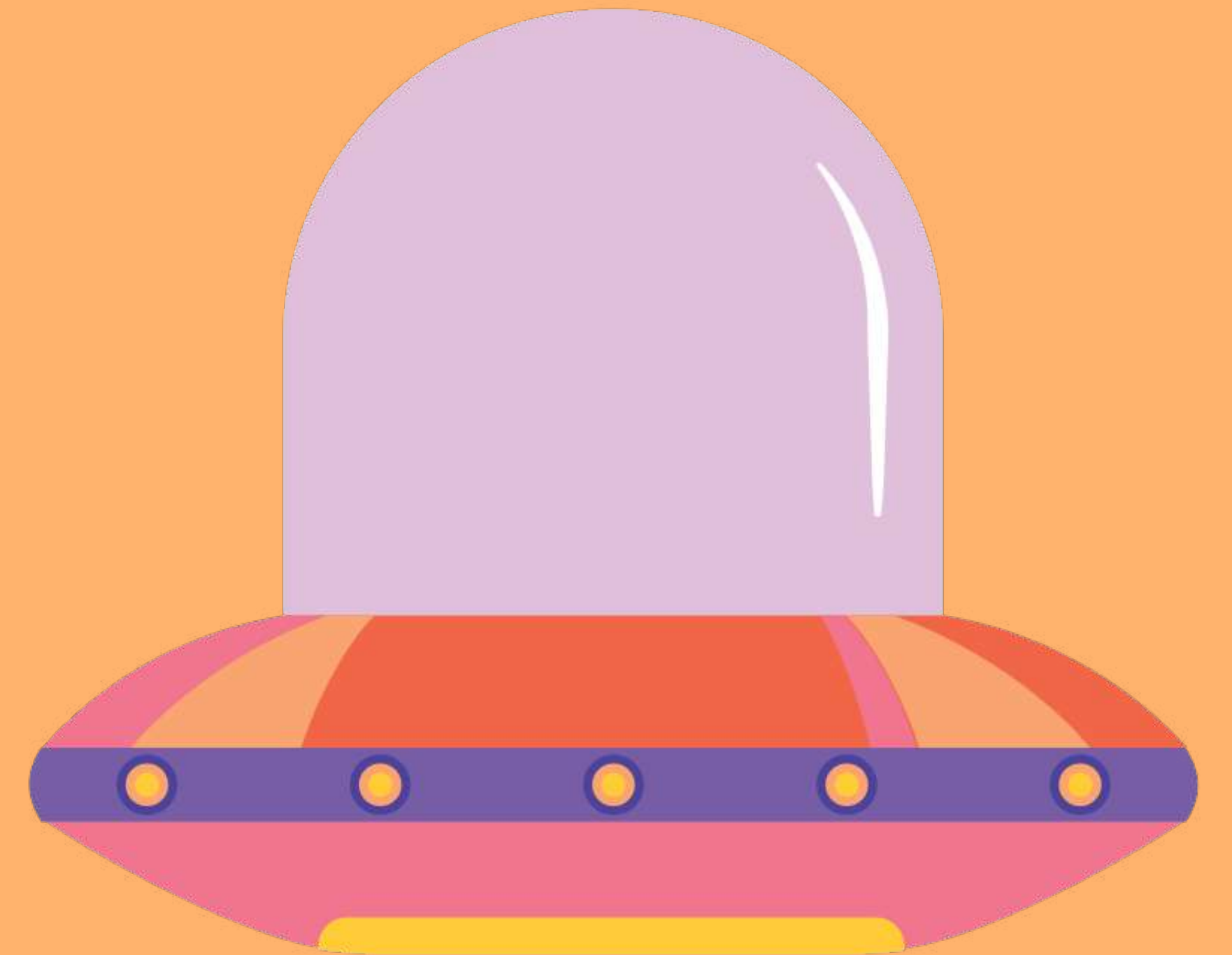
"Orangy" Character

Orangy is one of the characters that will help students learn easily. It will teach the students how to work with the app in the first place. Will appear on the report cards and help students understand what is happening.

Reaching the user end goal, when you don't speak the same language with your users, may be hard. So helping users understand with the "international language of cartoons", can make your application usable all around the world.
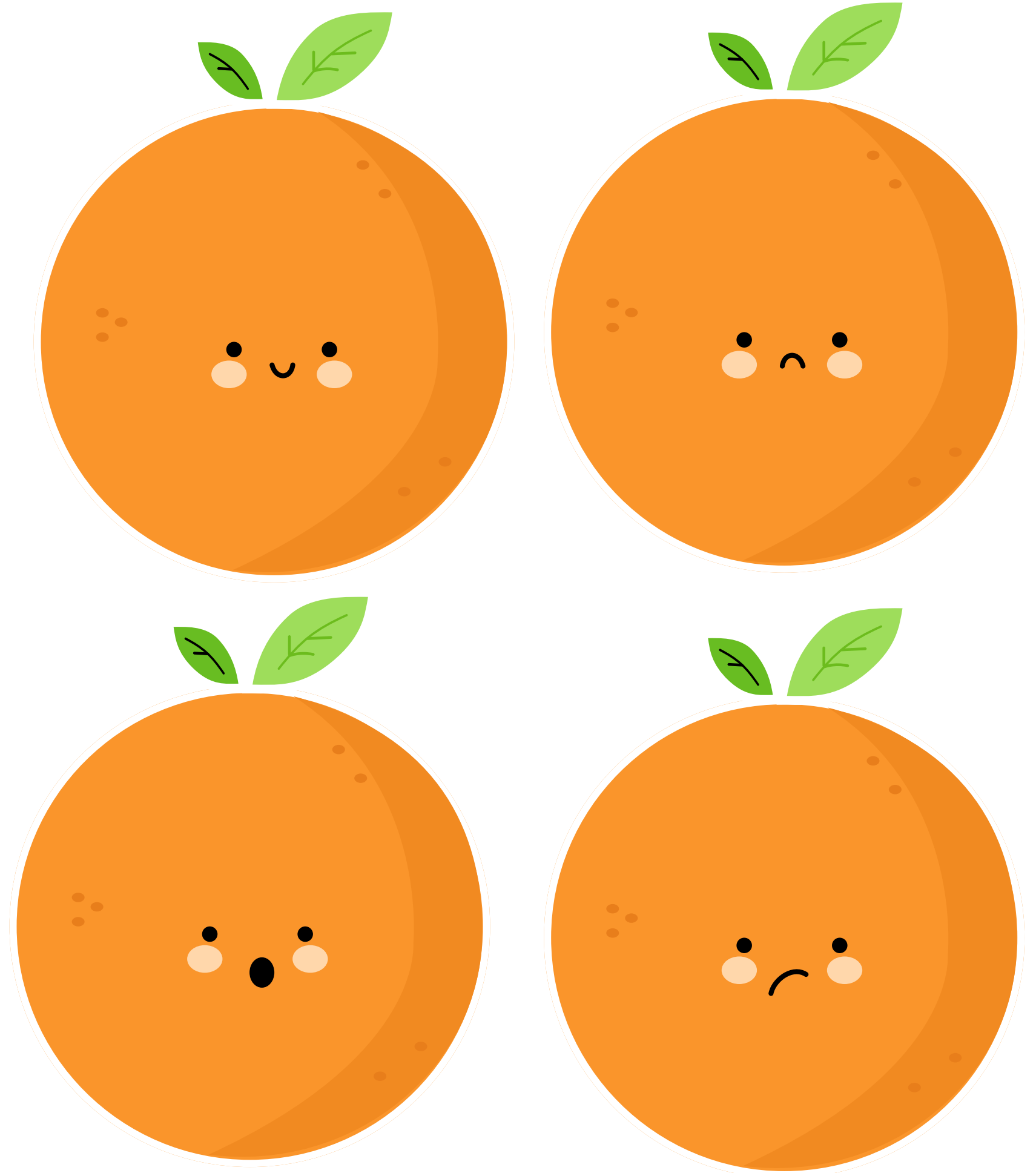
"Tang" Character

Tangy is another iteration of illustrating oranges with different feelings. Although having an error state is something that grownups see every day and know how to overcome it, for kids it can be more comprehensible to see a sad face with a description under it. They will know something is wrong immediately and this will lower the frustration among the users.

"Dynamite" Character

The surprised face and the confused face can indicate a file has not been uploaded or something has happened that wasn't expected.
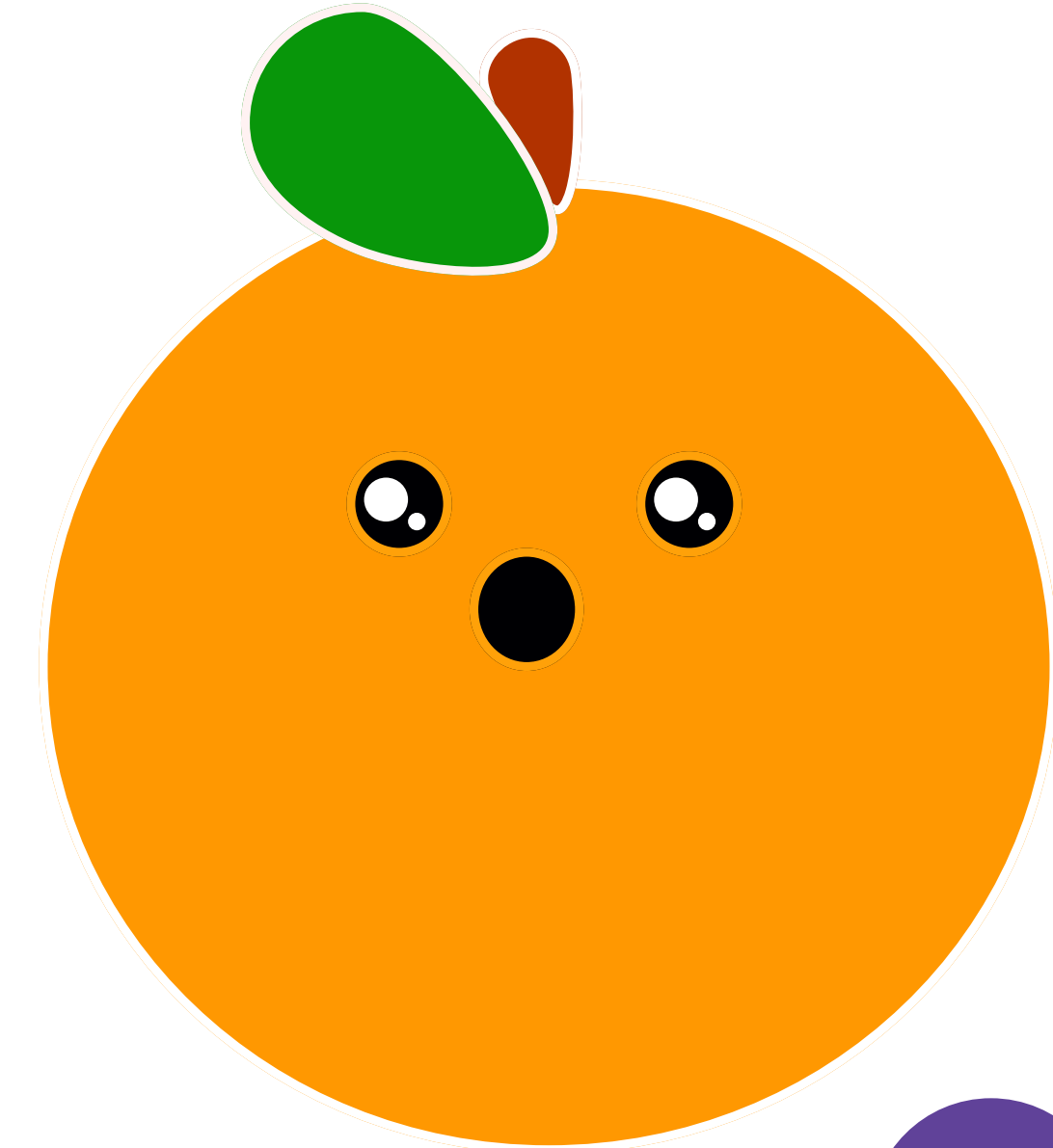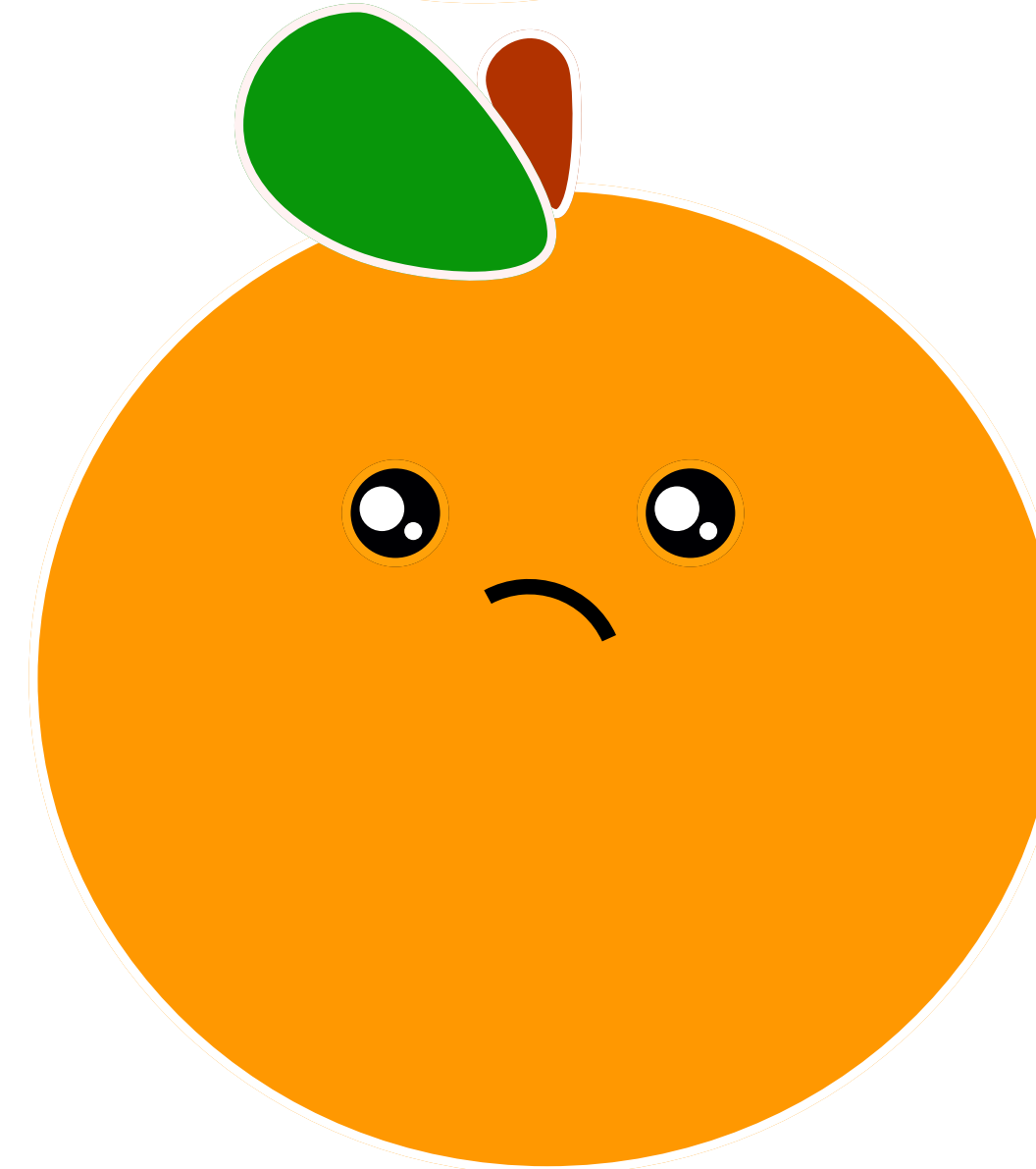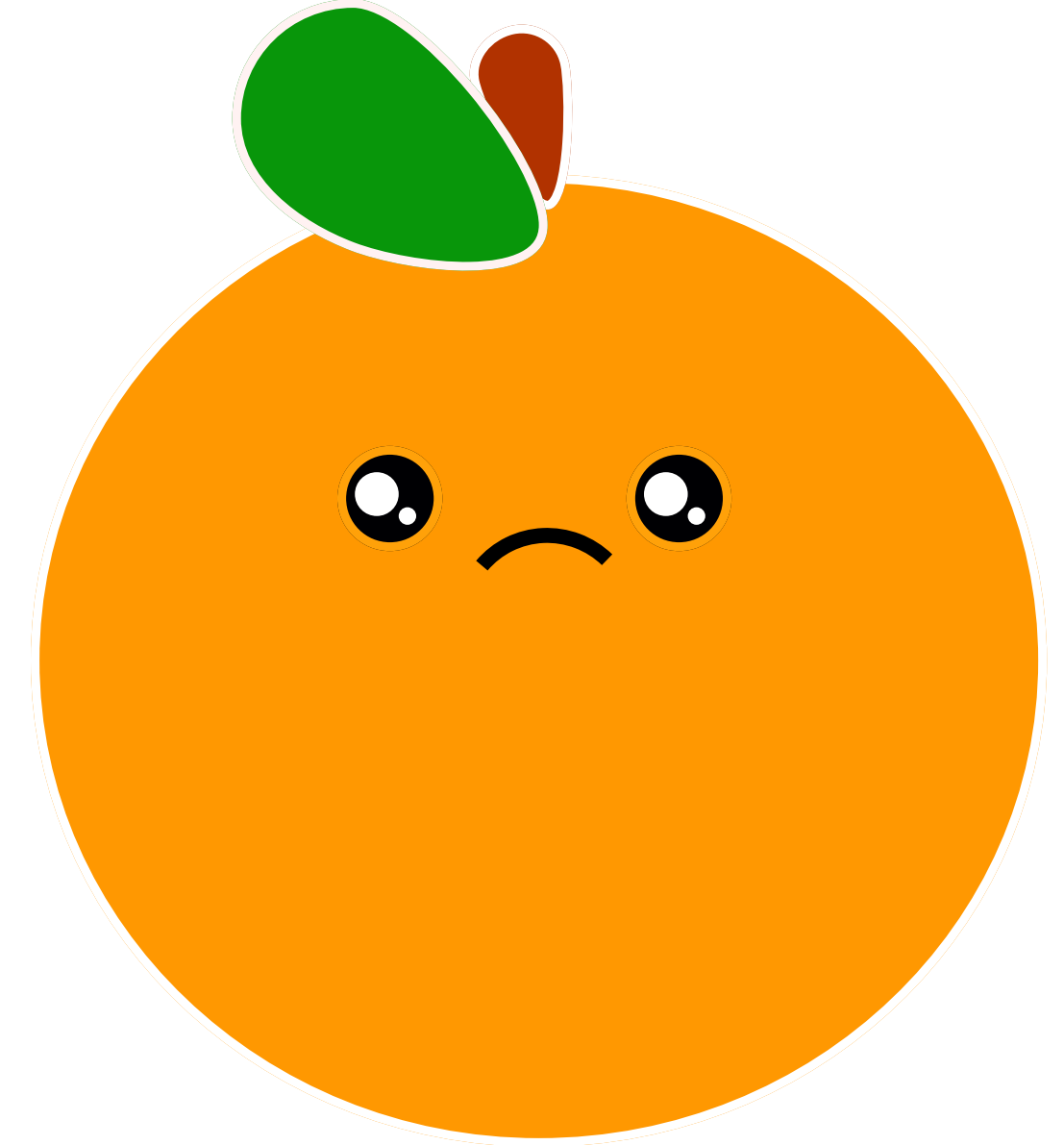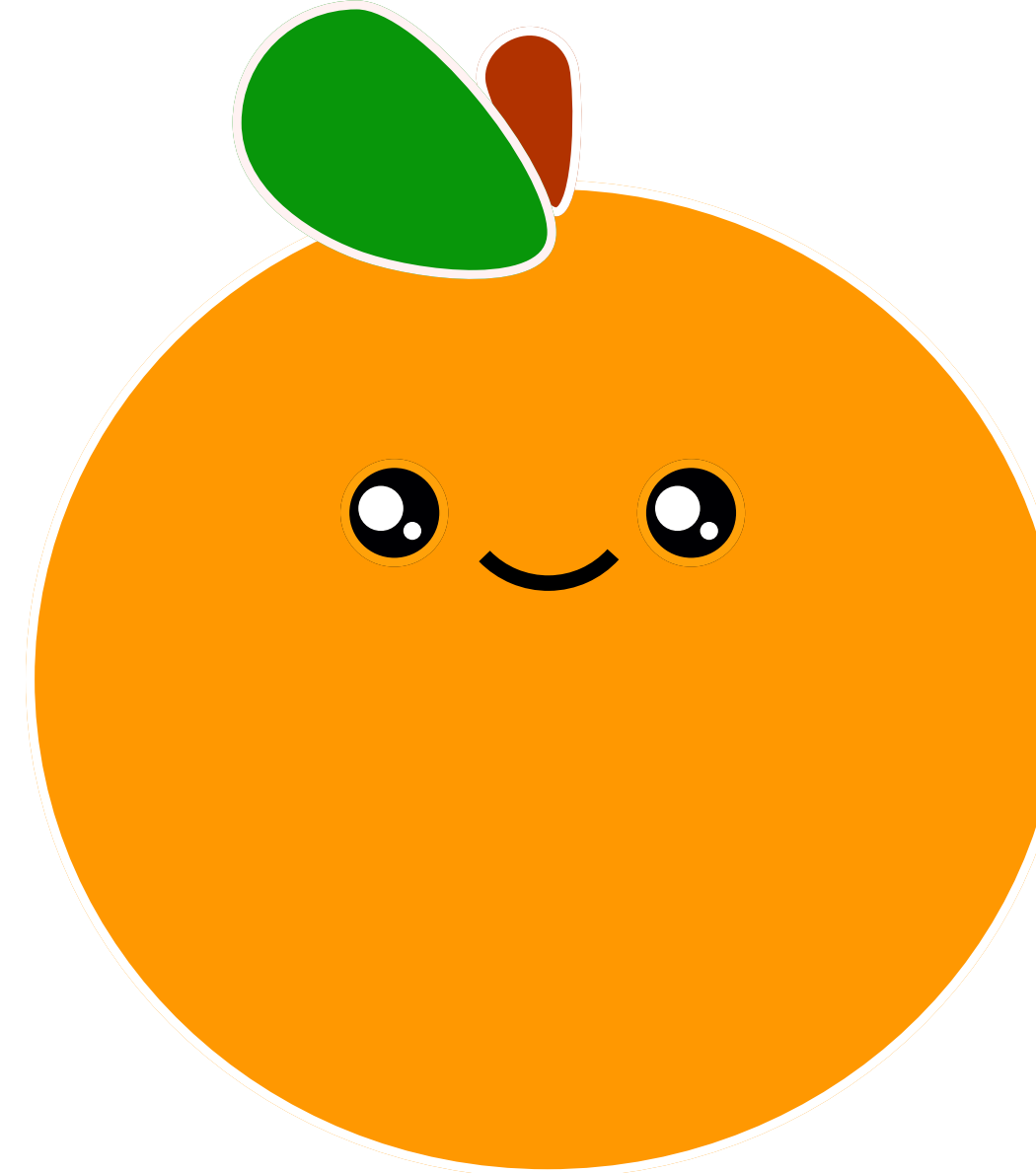
3 Oranges, 3 choices
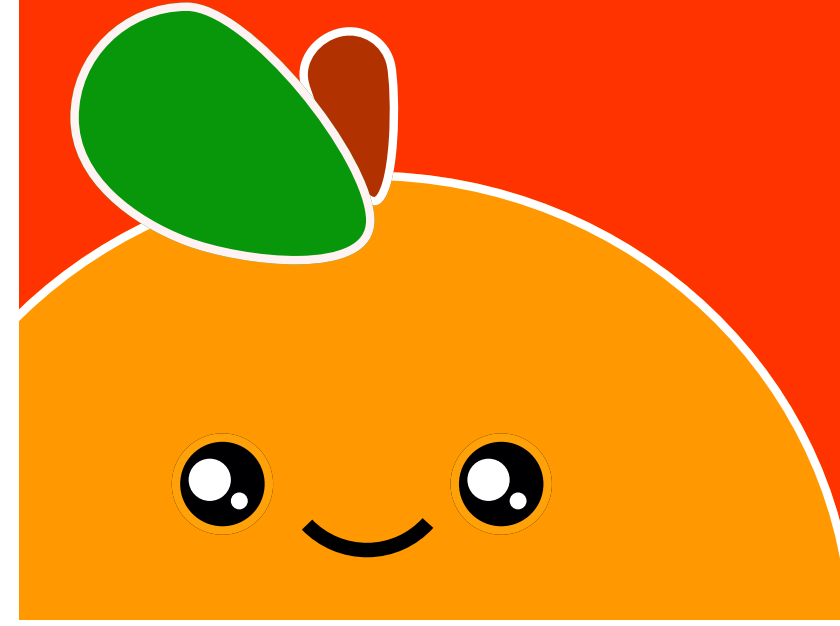
Orange

Orange

Orange

Orange tone

Why We need a postitive tone?

Countless studies, research reports, and surveys have found that emotion is a crucial component of the eLearning experience. Stress prevents knowledge retention, anxiety can serve as a distraction, and happiness helps us remember the information and assign meaning. The tone is an important aspect of emotion, especially in eLearning experiences. It influences online learner's moods and sets the stage for the entire eLearning course.

Orange tone

The tone of your eLearning course should align with your brand image and message. That is why after selecting our audience and choosing a colorful, happy kind of feeling for our application we need a positive cheerful tone so it can represent our brand. Choosing the right tone firstly allows you to create an emotional connection with your online learners. For example, a conversational tone that is warm and inviting will make them feel at ease. The second benefit of aligning the tone of your eLearning course with the outcome is modifying your online learner's behavior or mindset.

Character choosing

After making 3 app icons, I want to choose Orangy as the main character of my application.

By following the rules of "Kawaii"* Feeling of this character we can decide on what are the icons and the illustrations will be on our screen.

It will add a certain color and will narrow down our design choices.

Making our brand consistent can help the users remember and recognize our brand.

Dynamite

Orangy

Tang

*Rules of "kawaii" character design
- Often it's minimal in terms of its composition.
- kawaii things are often happy things.
- Soft Gradients and Flat Colors
- kawaii art is for children only or aimed at children at all
- Color Palettes to Keep Things Cute
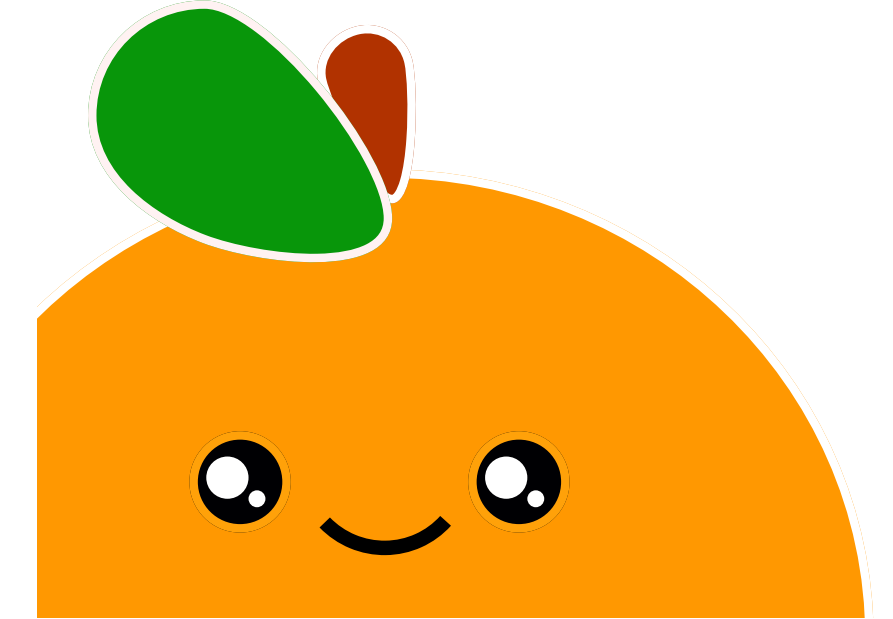
02 App Name and icon

Brand names

Why Orange

App Icon Design

Brand Names

For naming an application with the user in mind, we have to remember our users are kids that English is not their first language, and pronouncing hard words may be hard for them. Choosing a name that can remind the child of an actual thing will help our users remember the name of the application.

That is why I have chosen the name **ORANGE**. It can help me with branding the application and put some restrictions on the application's color palette.

Suggested names

Kidsify	Edukid
Learner	Strawberry
Learnonline	Cherry
Learnizzy	**Orange**
FunLearn	Pawlearn
Learnify	Digitalids
Crayons	Kisops
Rocking	Wired
learn	Kidsonic
Fingerlinks	Learnsky
Learnie	Learnzone
Learmeow	Learnwise
Pawlearn	Flashlearn
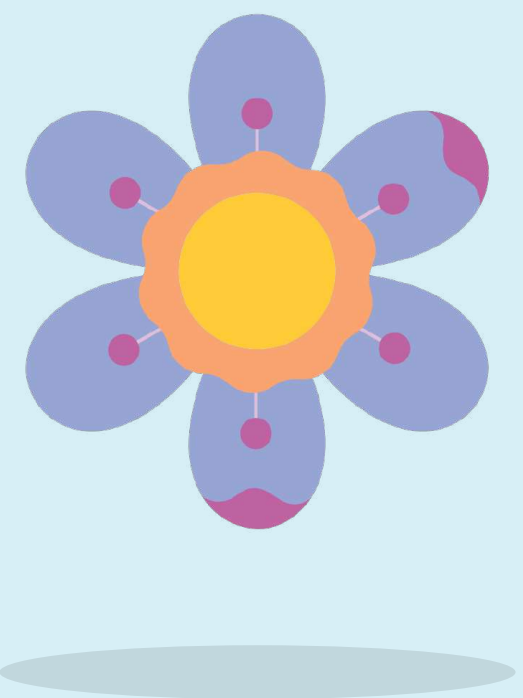
Orange Doesn't Hold Back

Orange is a color that doesn't let anyone pass by without taking a look. It stands out in a crowd and sends a message that says, "I'm not afraid to be the center of attention." Orange is creative, youthful, and enthusiastic.

While some people may not approve of the brand's dress code, the company doesn't try to hide its identity. Harley Davidson also employs orange as a key element in its logo; pairing orange with black and white takes away some of its "in your face" quality, and it comes together with the other colors to create a logo that is both tough and attractive.

Orange is a kid-friendly hue. Nickelodeon's orange splatter grabs the attention of young minds across the globe, and Fanta and Crush orange sodas easily lure in those with a sweet tooth.

Kids love Orange

When a kid hears the name "Orange" It can indicate both the color orange and the fruit.

We can use this opportunity and use them both as the branding color and use an orange character (See Characters on the page 31) to guide children in their experience.

The shape of the fruit can inspire us to give the app a round look and make the typography, icon, and illustrations round and without edges.

This will help the branding and can give us a good guideline about dos and don'ts in the design system development.
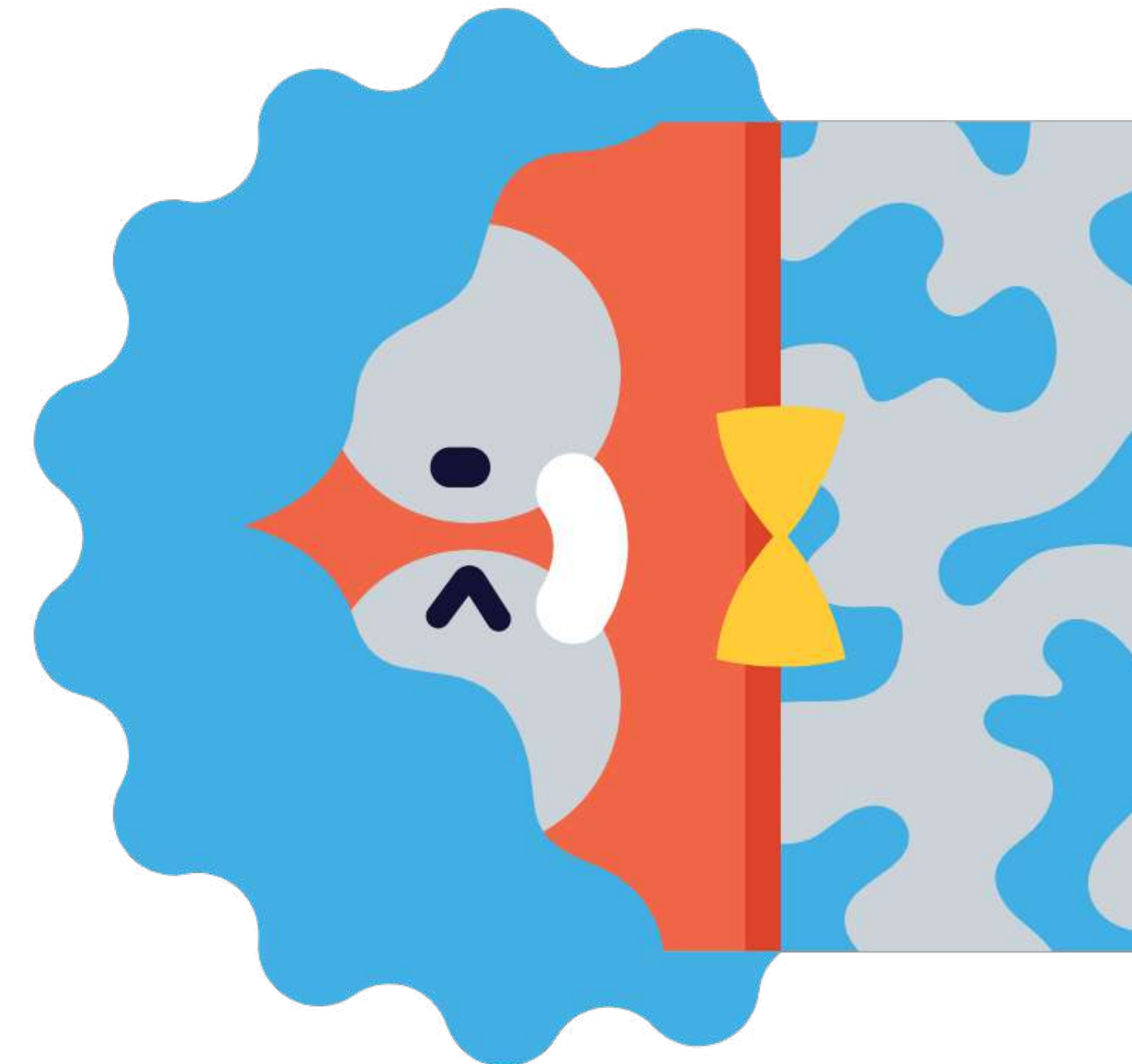
App icon design

If you are searching for a app with the name orange you want to see both the color and the fruit.

Our app icon will always be up against dozens of other apps, whether a user is browsing the app store or scrolling through their home screens. Create an orange icon that's instantly recognizable on search listing pages and a user's screen can help them find our app easier.

I want to focus on one element rather than trying to jam every feature into a tiny icon. I want to go for instant recognition with a big orange icon — if someone needs to squint to make out the details of your icon, I am not accomplishing my goal.

Using vibrant colors as orange will help my app stand out both against the other apps a user has installed and against his or her background image.
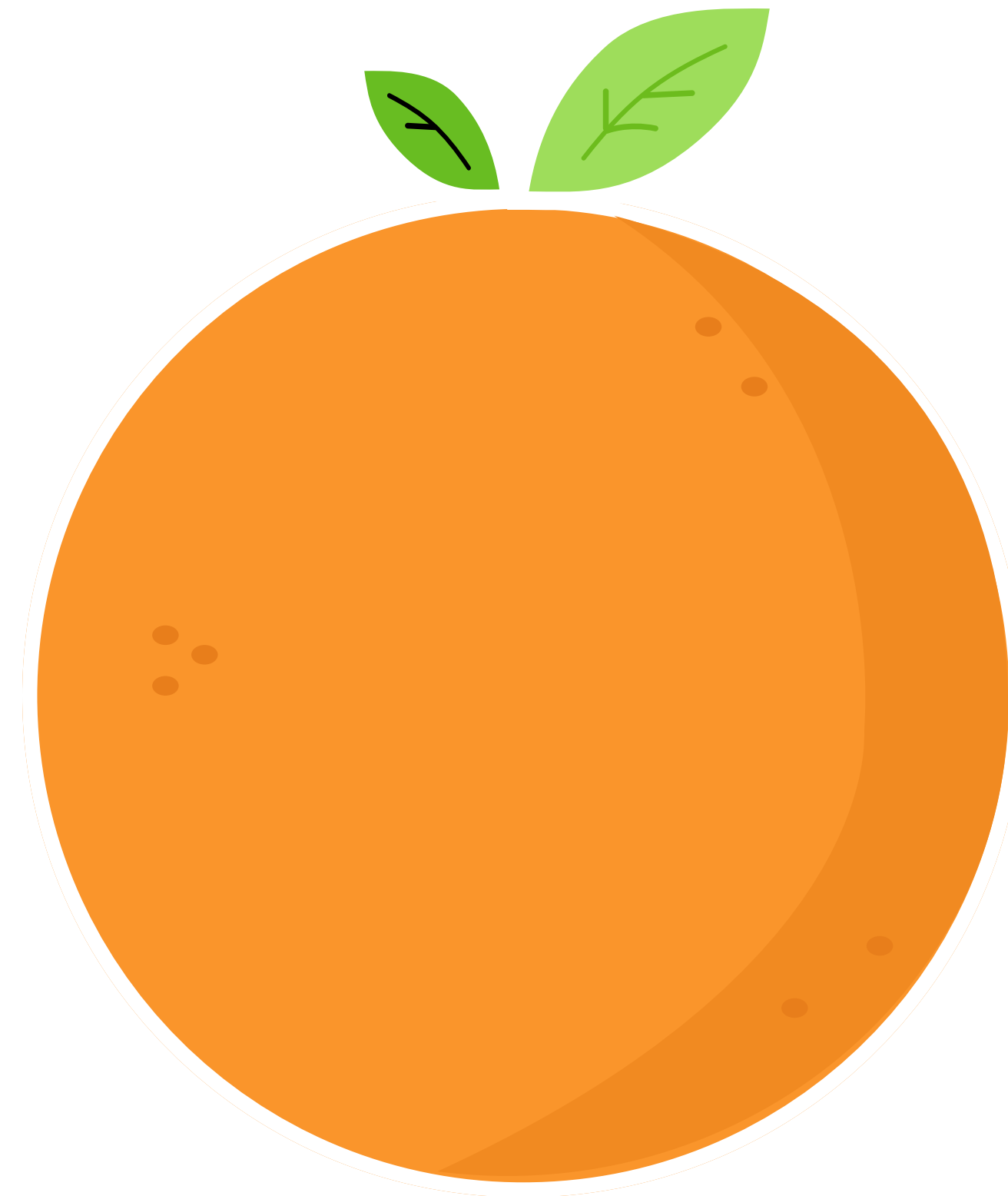
App icon design

It matched the character in the app

Simple and special

It doesn't need an explanation
for kids and makes
instant recognition

It represent the brand

It has enough spacing and
it is not crowded

It is cute and kid-friendly

43
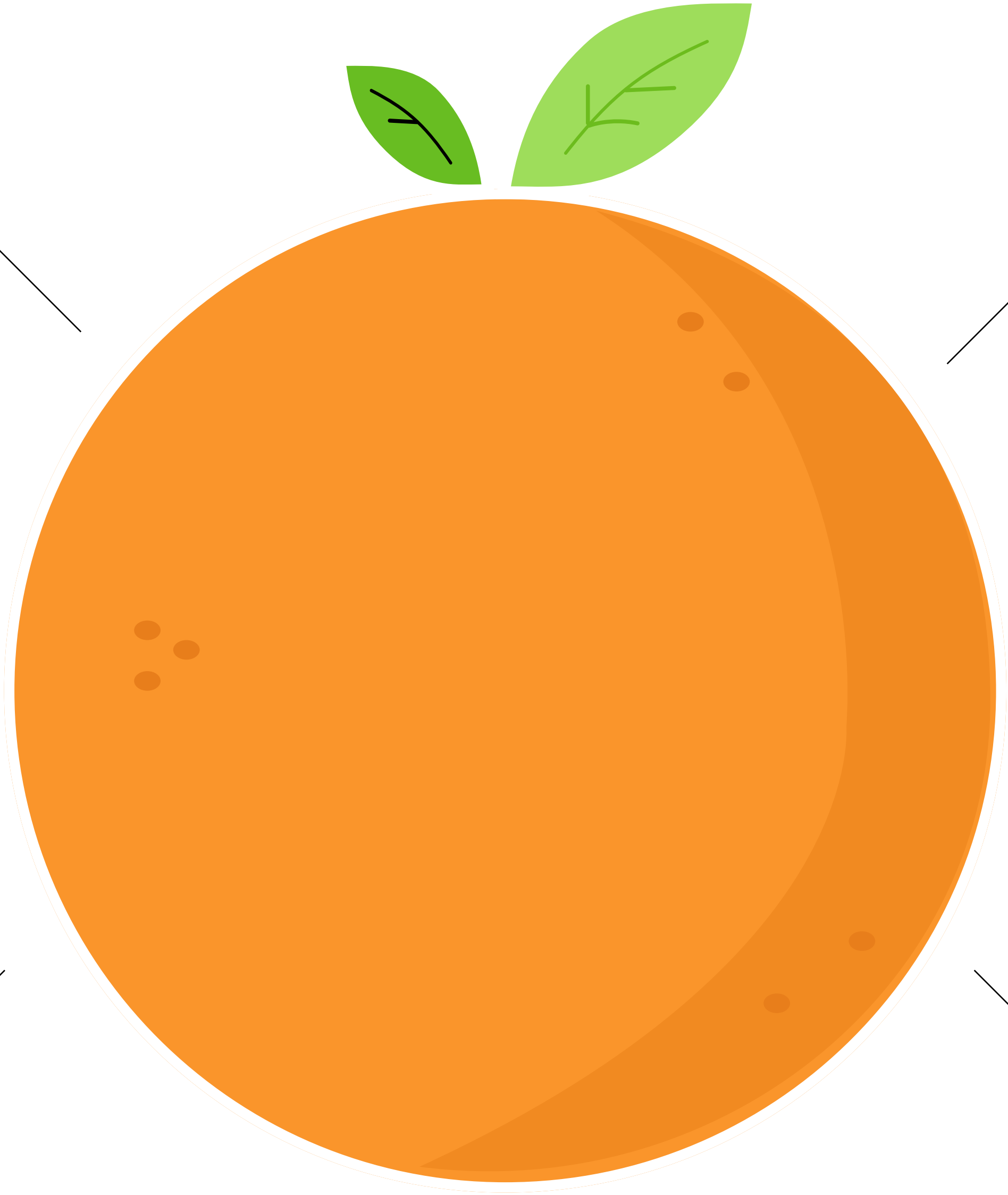
App icon design

This is how the app icon looks like. It is easy to see and the color and the icon communicates that this app is made for kids.

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03 Moodboard

Brand Adjectives

Photos

UI inspirations

Color palettes

Color swatches

Illustrations

Brand Adjectives

Words are powerful. This is especially true when you consider the words that you choose to describe your feeling – or application you work with.

As the application is for kids we can use adjectives that are childish and kid-related.

Bright **Colorful**

Vibrant Cool

Playful Funny

Childish

Warm

Simple **Fun**

Inviting

Brand Adjectives

Colorful 〉 Bright

Vibrant 〉 Warm

Cool 〈 Simple

Playful 〉 Funny

Fun 〉 Inviting

Colorful 〉 Simple

Vibrant 〈 Colorful

Playful 〉 Inviting

Warm 〈 Joyful
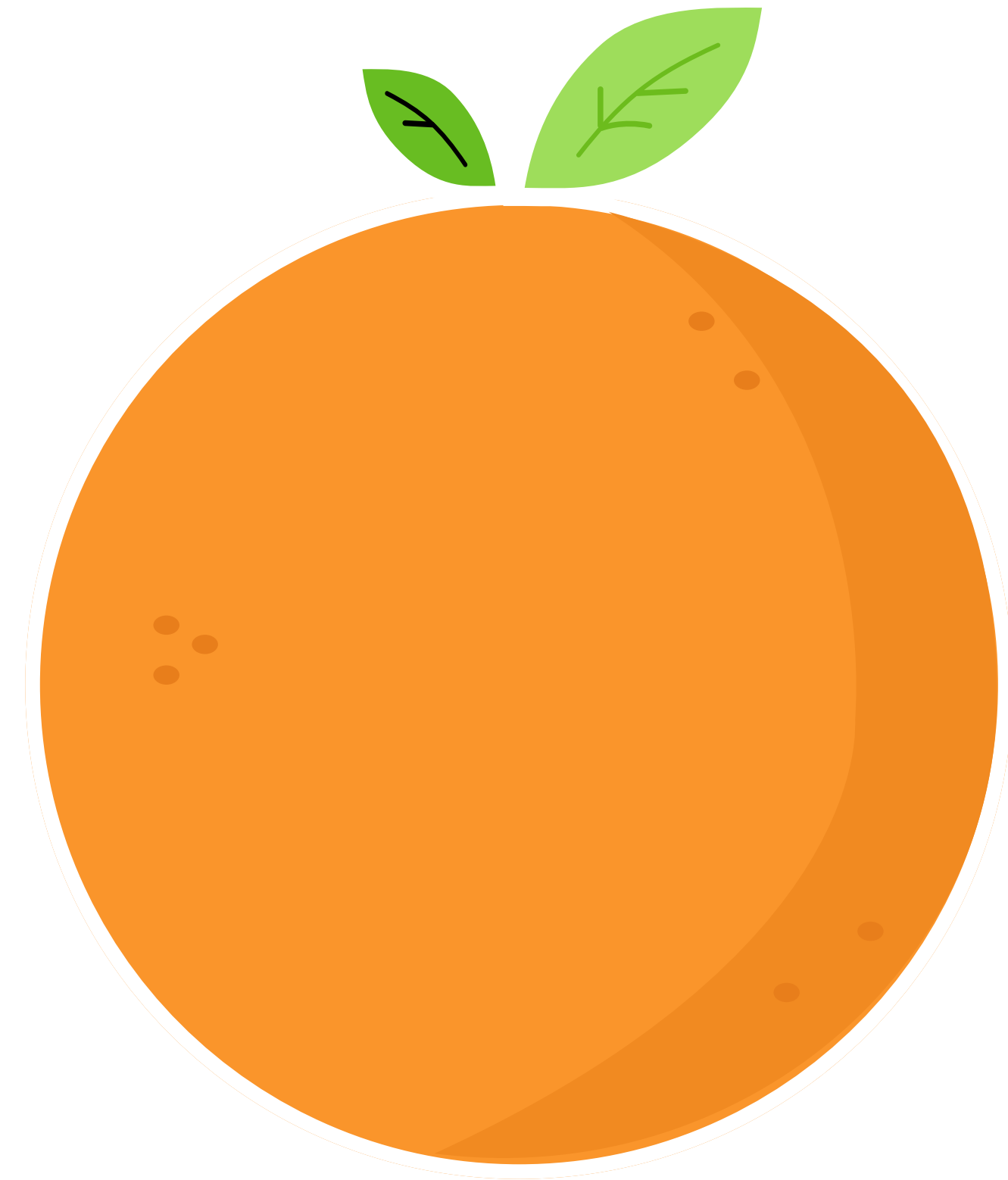
Photos

The photos are giving the feeling of being happy and colorful.They want to show you how kids are joyful and the bright colors remind you of being a child one more time.
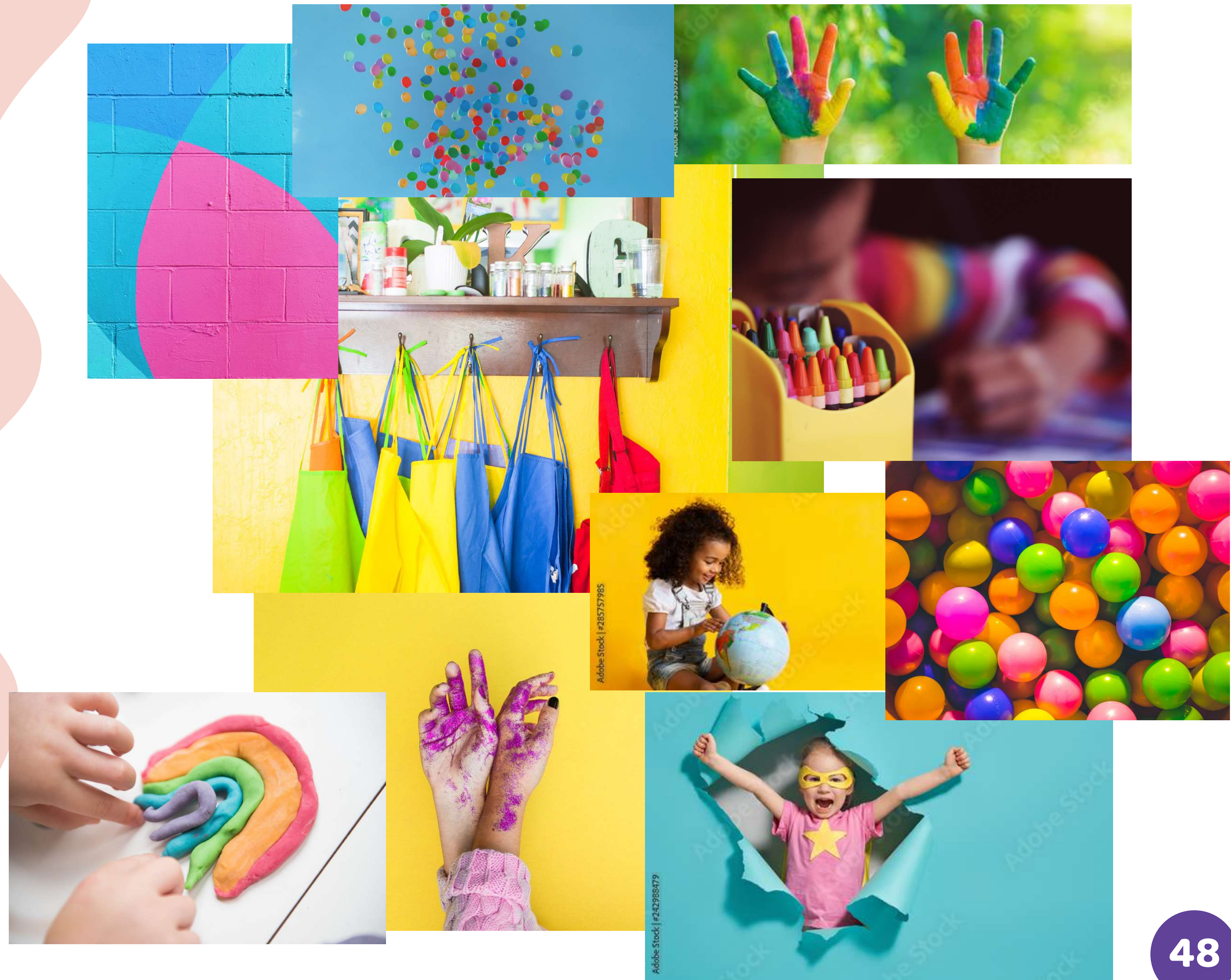
Snapshots of other designs

After searching for inspirations I have narrowed down my search results into three main categories:
1) same functionality
2) same color palette
3) same feeling and vibe
and then after looking at different designs I have chosen some kid-friendly designs that matched my vibe.
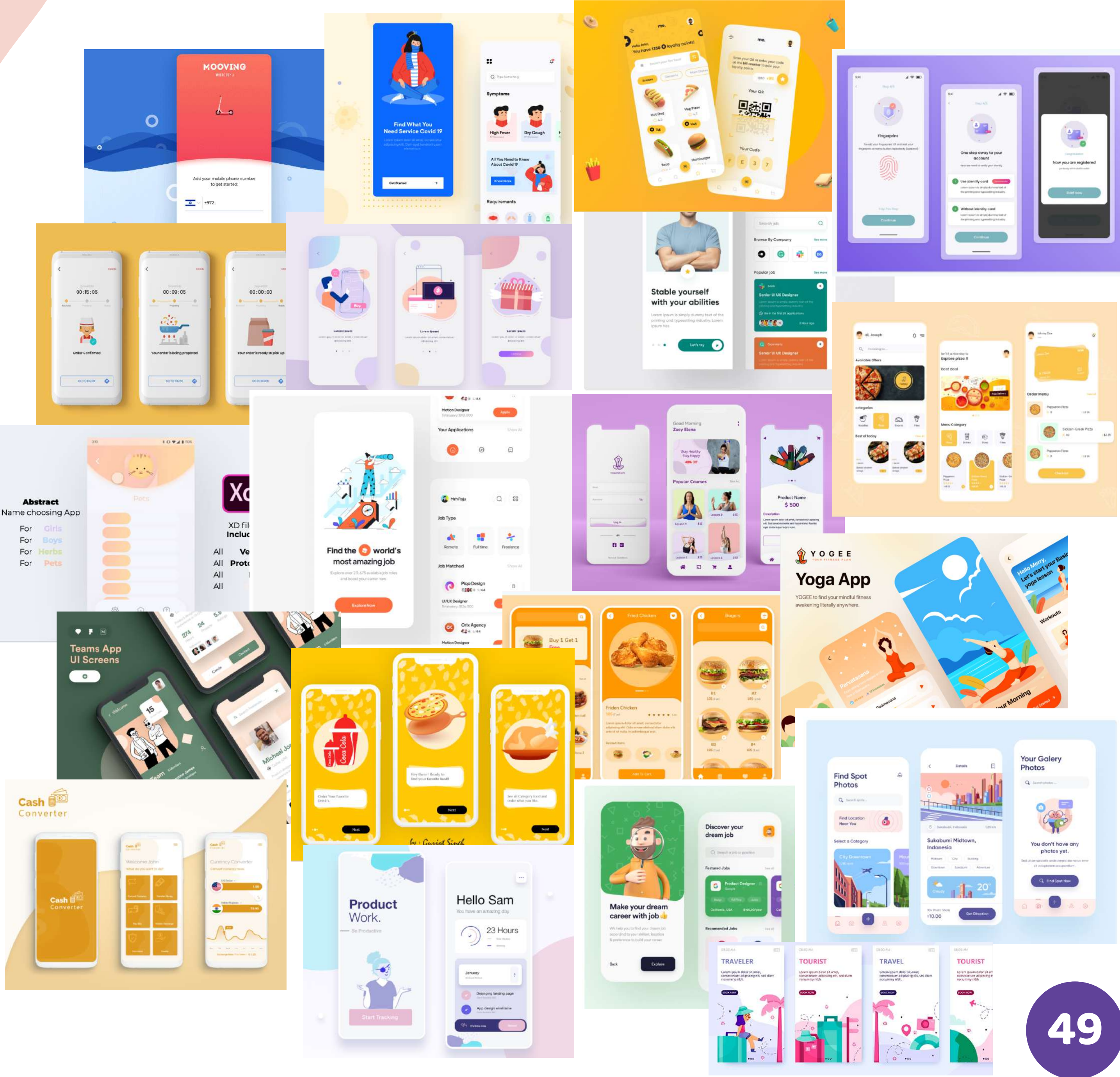
Chosen UI inpirations

Meaningful user interface inspiration is about more than visual appeal, it should be about results and go way beyond aesthetics. These 3 inspirations can help me reach a better point as I know my functionality is working and I am focusing on the user end of my product. So keeping the look simple and using minimal icons is my goal as it is the goal of these designs. So these 3 screenshots are my chosen UI inspirations.

The minimal view of cards make it easy to understand and use of illustrations is very kid-friendly and straight-forward
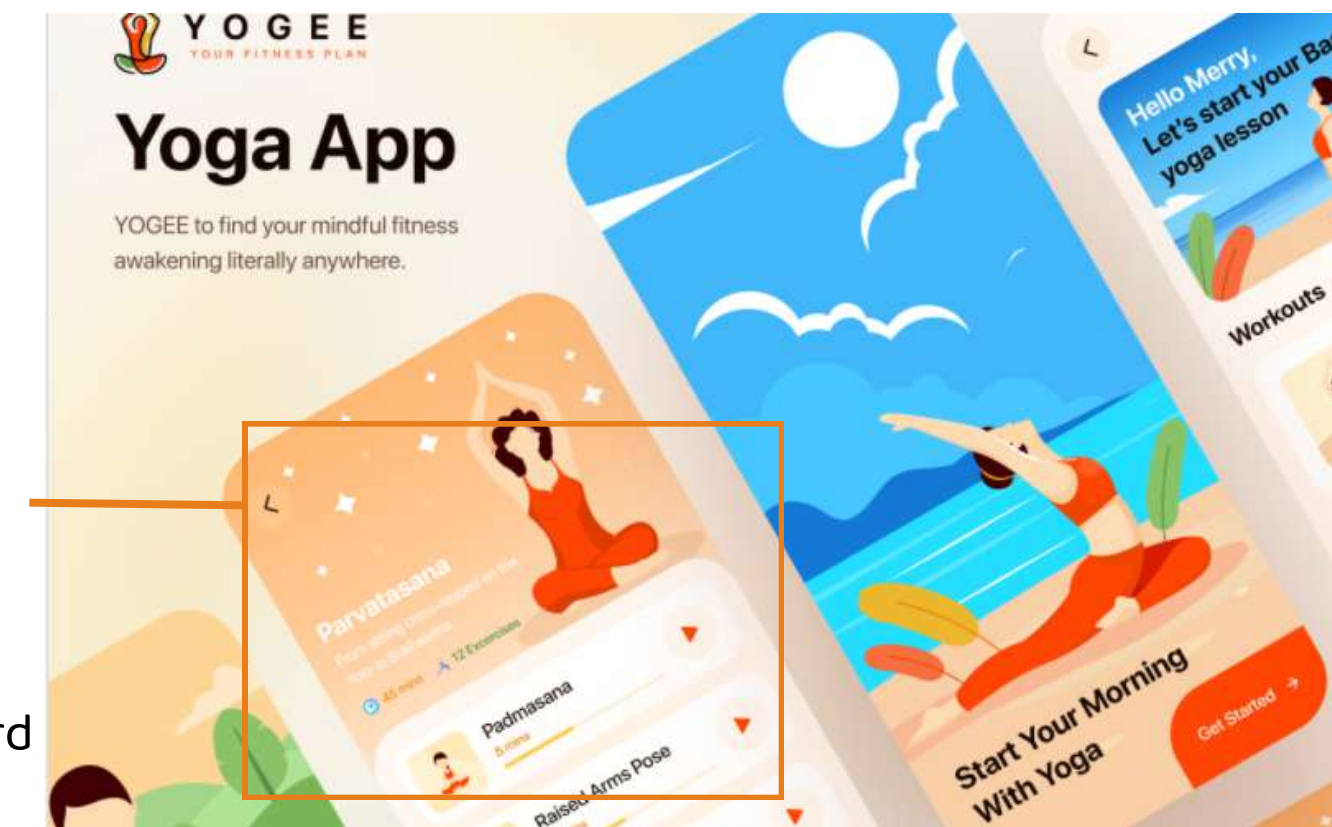
I like the number of colors in this design. Giving the feeling of colorfulness without having a crazy amount of colors is nice
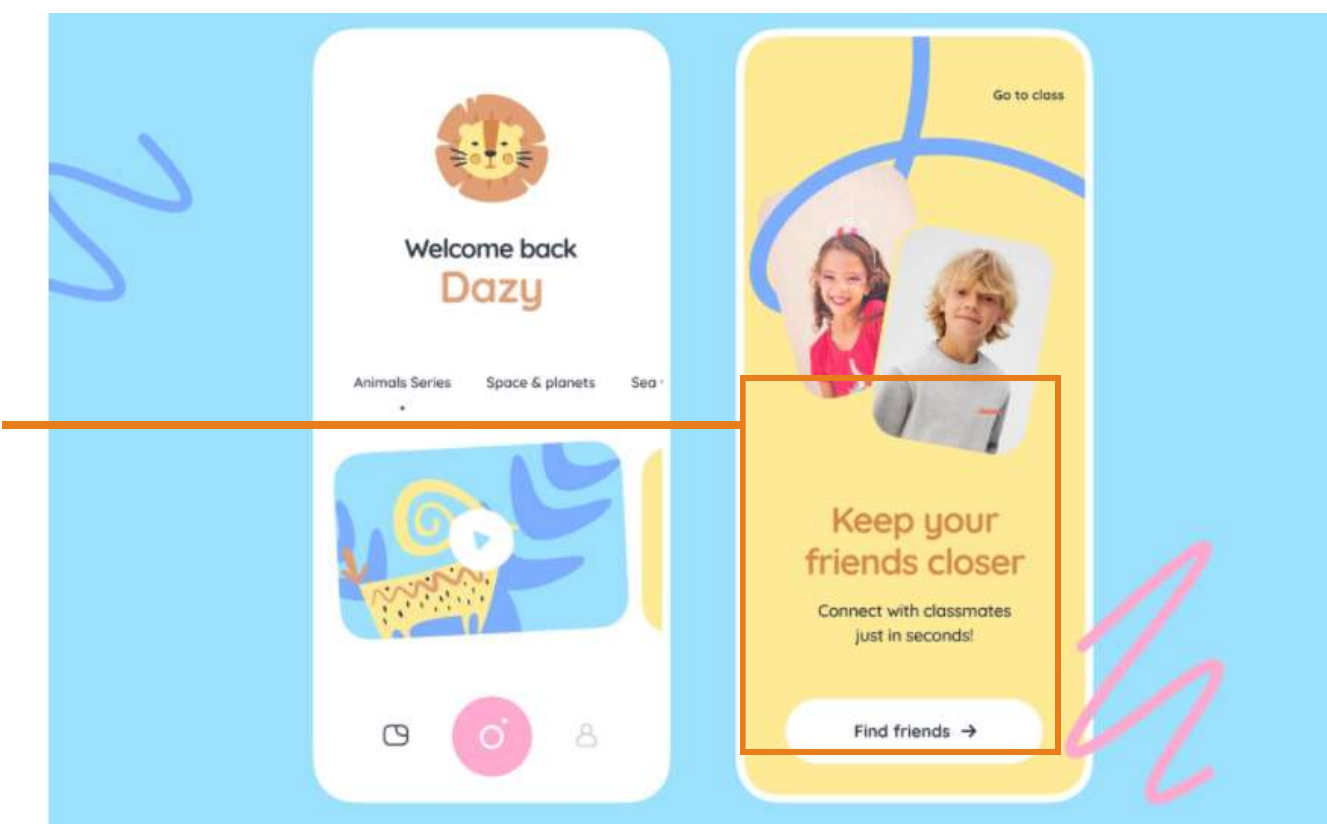
I think the cards are cute and easy to understand, the round edges and minimal design is the think that I am searching for
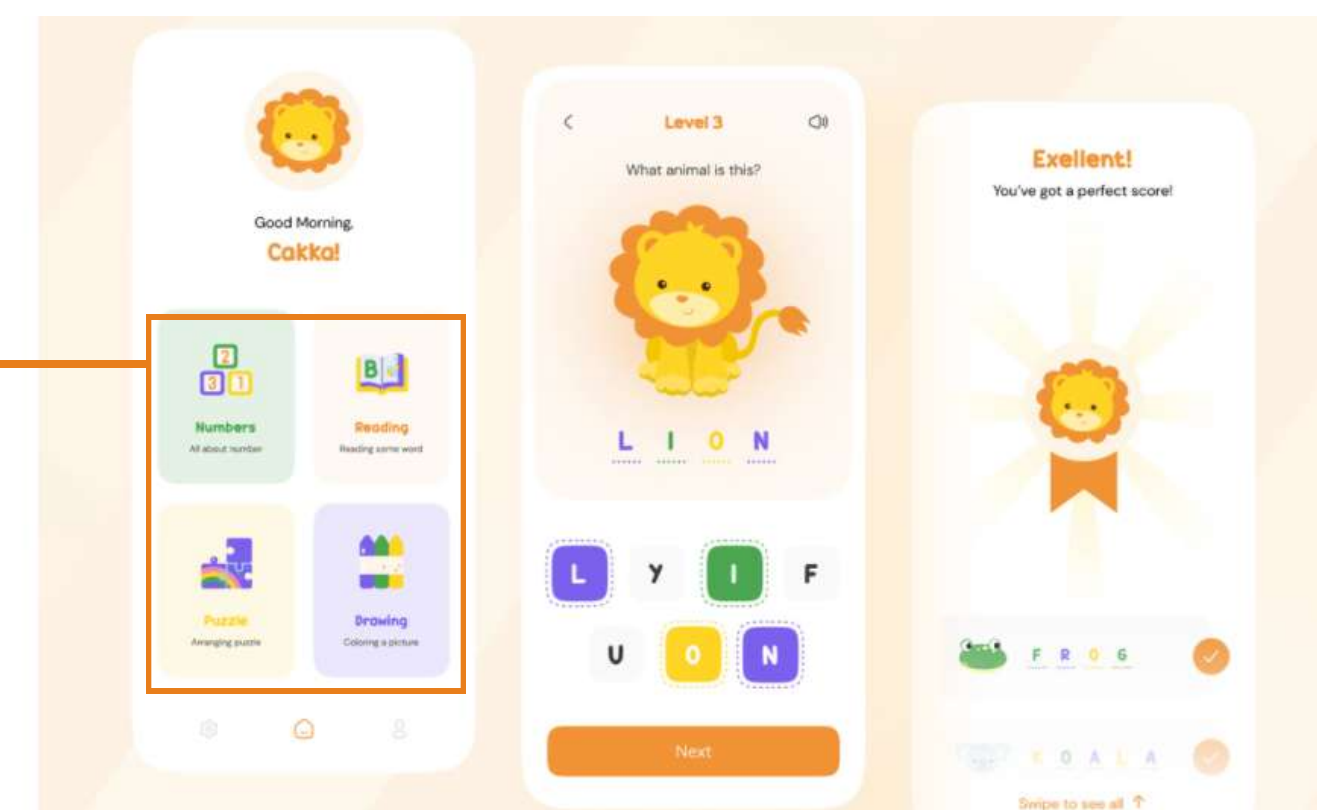
Color palettes

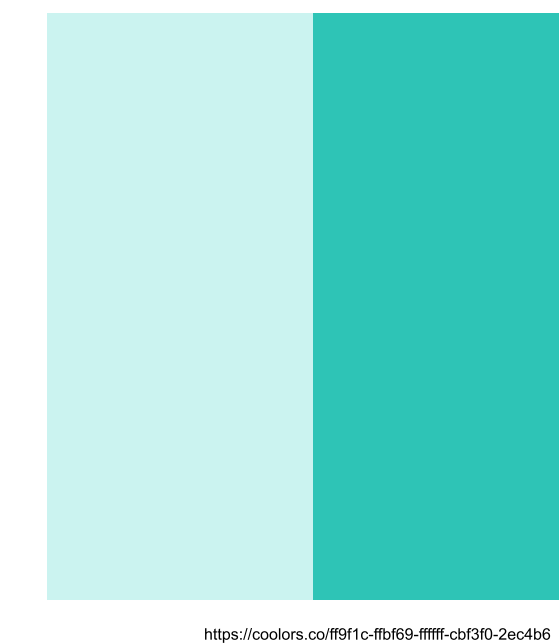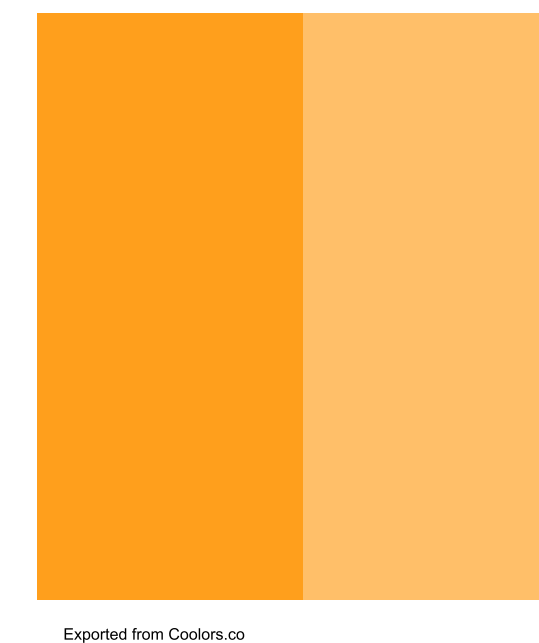Some color palettes that have orange and green in them can be my main target.

It can give a colorful feeling and is bright enough that children like them.

They can keep the name and branding consistent throughout the experience.

Using green on a message which tells the child they got the answer right, will reinforce the message, and as they continue using the app, the consistency will allow them to make visual links between getting the answer right.
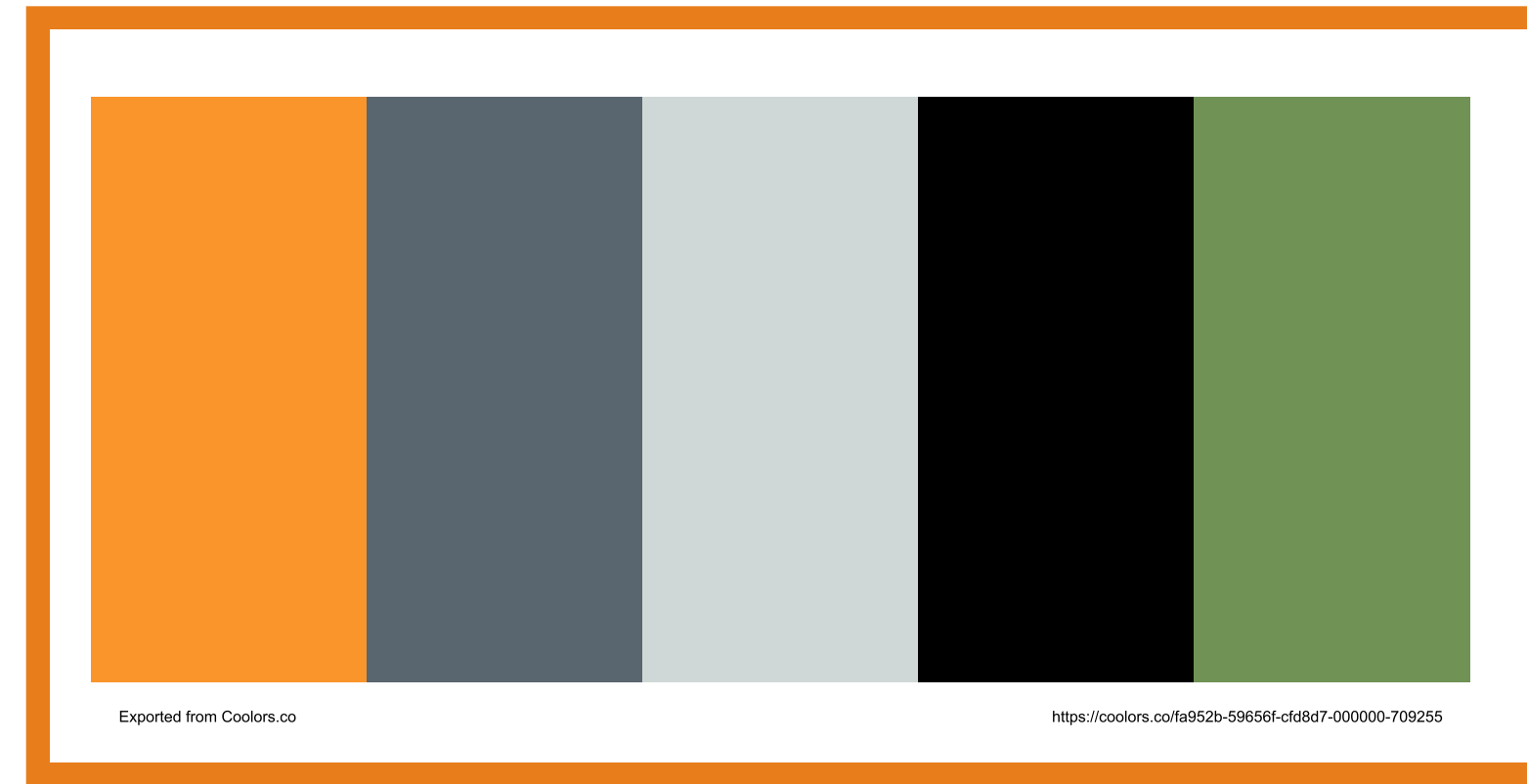
Combinig orange and green can remind user the orange.
I try to use just 1 or 2 bright colors instead of jamming my application with a lot of colors.

Exported from Coolors.co
https://coolors.co/fa952b-59656f-cfd8d7-000000-709255

Exported from Coolors.co
https://coolors.co/264653-2a9d8f-e9c46a-f4a261-e76f51

Exported from Coolors.co

https://coolors.co/ff9f1c-ffbf69-ffffff-cbf3f0-2ec4b6

Color swatches

Mixing the orange color with green as the fruit orange was the main thing that I wanted to have, But because orange and darker green mostly gives the "chic" and "luxury" feeling we are going to stick to the lighter shades of green to make users get that playful and joyful vibe.
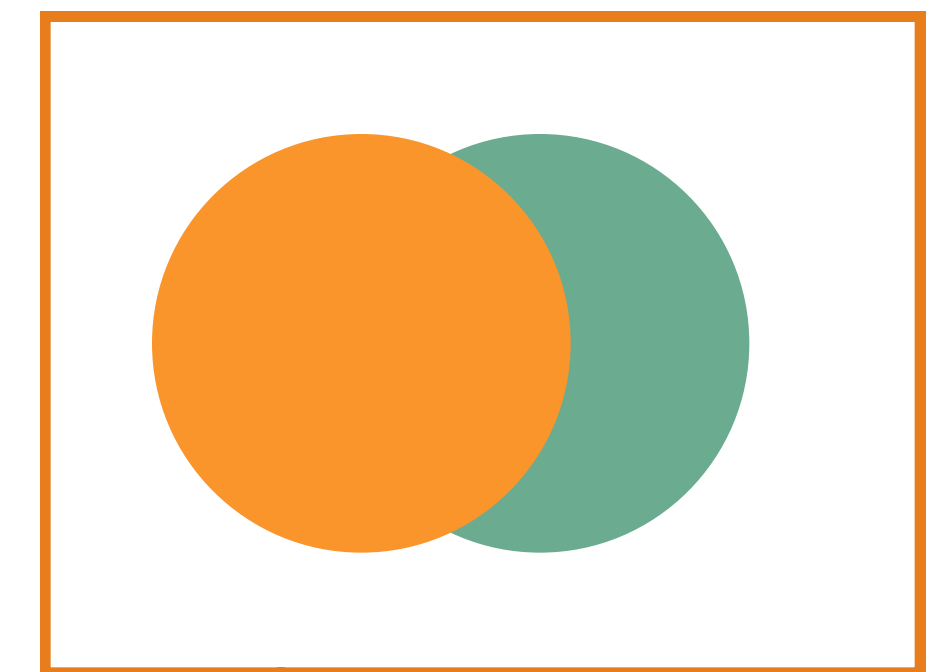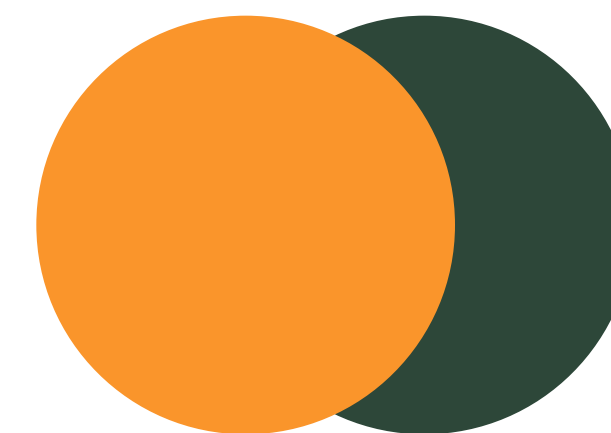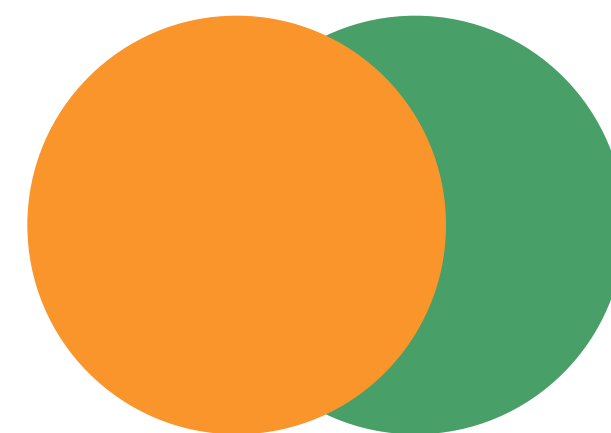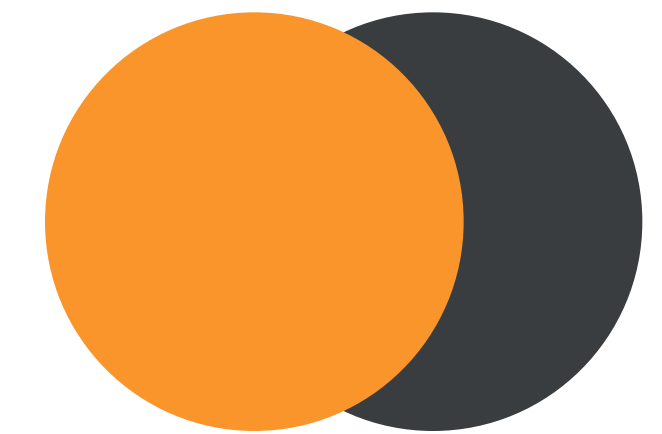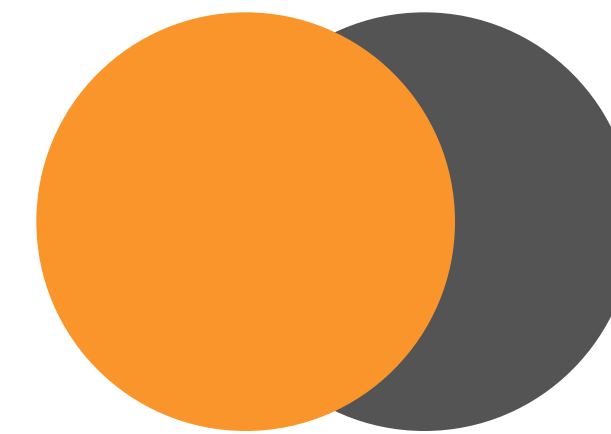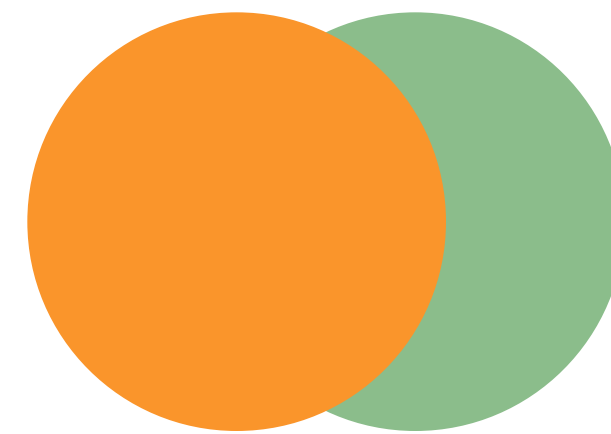
Without having a chic feeling it can show the orange fruit color combination I like the pastel feeling of the color here.

Illustrations

Throughout my app, I will be using illustrations to assist with learning.

This is where I will be able to use color to keep it interesting.

After choosing my app icon the sets of illustrations for my app going to be easy, minimal, and has that "Kawaii" feeling.

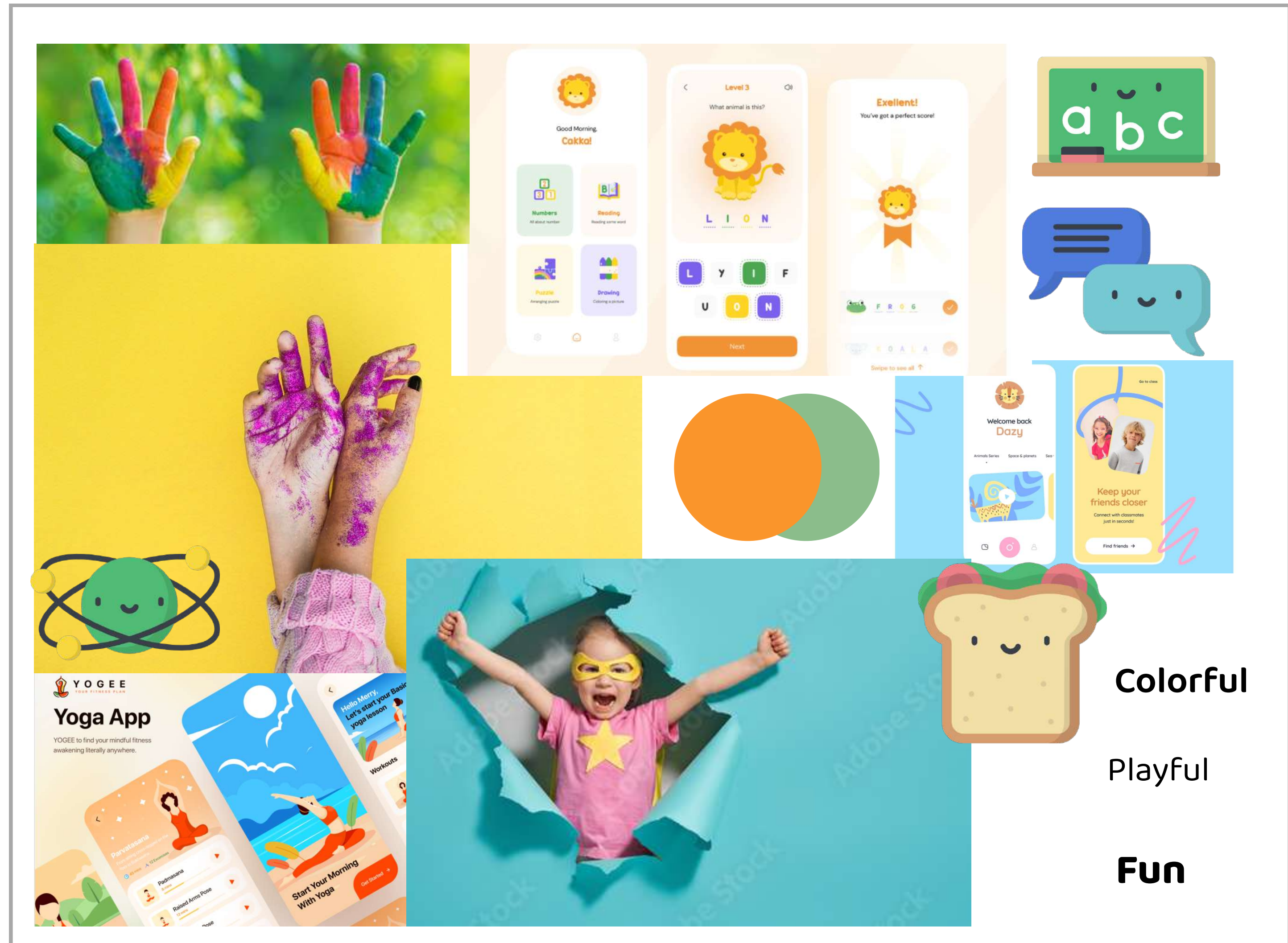Here are some examples of icons I can use for my application.

Having eyes and a small smile is one of the main traits of kawaii design I try to keep it consistent with choosing this kind of icons

Moodboard in one

You can see my moodboard here!

Colorful

Playful

Fun

04 **Wordmark**

Wordmark inspirations

Wordmark sketches

Wordmark exploration

Wordmark inspirations

The way that these wordmarks are changing one of the letters an icon related to the name meaning is a nice and simple way to have a wordmark.

So as I have an O at the first of my name and orange in round I can think about doing the same thing.
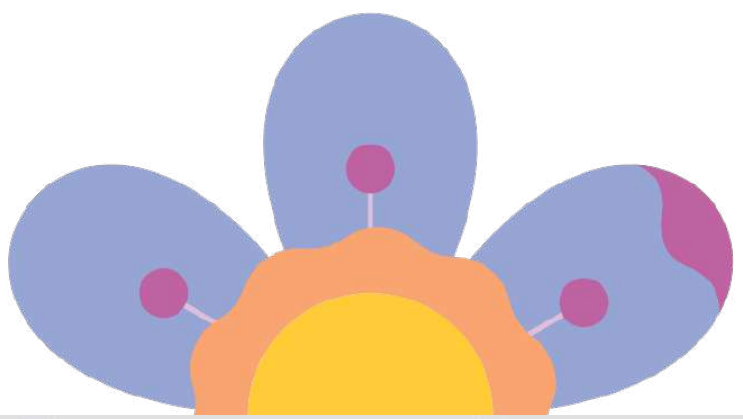
Brand wordmark inspirations

With a specific group of users in mind, the wordmark of my application can be more than just a combination of letters. I can include some illustrations or shapes that can help my users have a correct mindset about what they should expect when opening the application.

but after exploring some font ideas I have decided to pick a font that is round and doesn't have a lot of edges that will remind the user of the fruit orange.

These inspirations guided my mind to the sketches that I did in the next slides.

Brand Wordmark exploration

Being playful with the wordmark and including an illustration instead of "O" can remind the users that this app is designed for kids and build the right mindset about anything that they see throughout their experience with this brand.

Orange

The type looks flat

It is more literal than cartoony
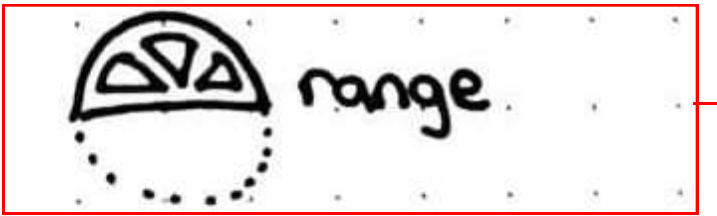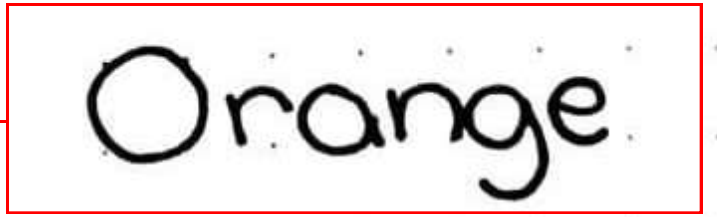
Rounded corner matches the branding

I want all the letters rounder like an actual orange

The big O looks cute and make it better than just a font

The round type face and the personalization makes it a good choice

Although this looks good but some user may read it just range.

It can be too busy
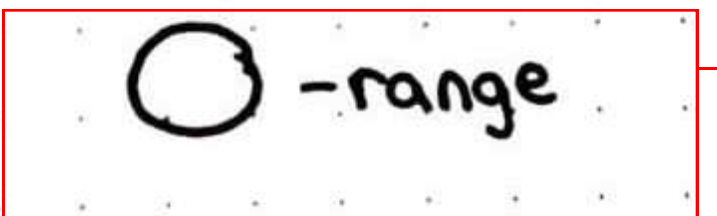
It can effect how users read the name
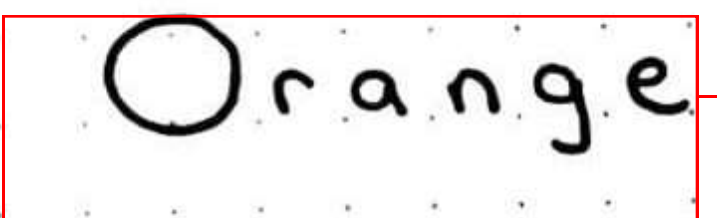
The spacing can make it hard to read
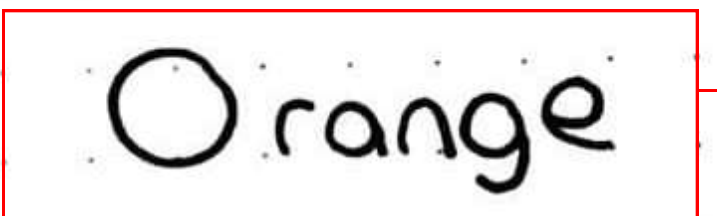
I like how round is the type but I can make it more personalized

Brand Wordmark exploration
lo-fi

With a simple wordmark building, I have explored the ways that I can keep it simple but give the feeling of a playful and colorful brand for kids.
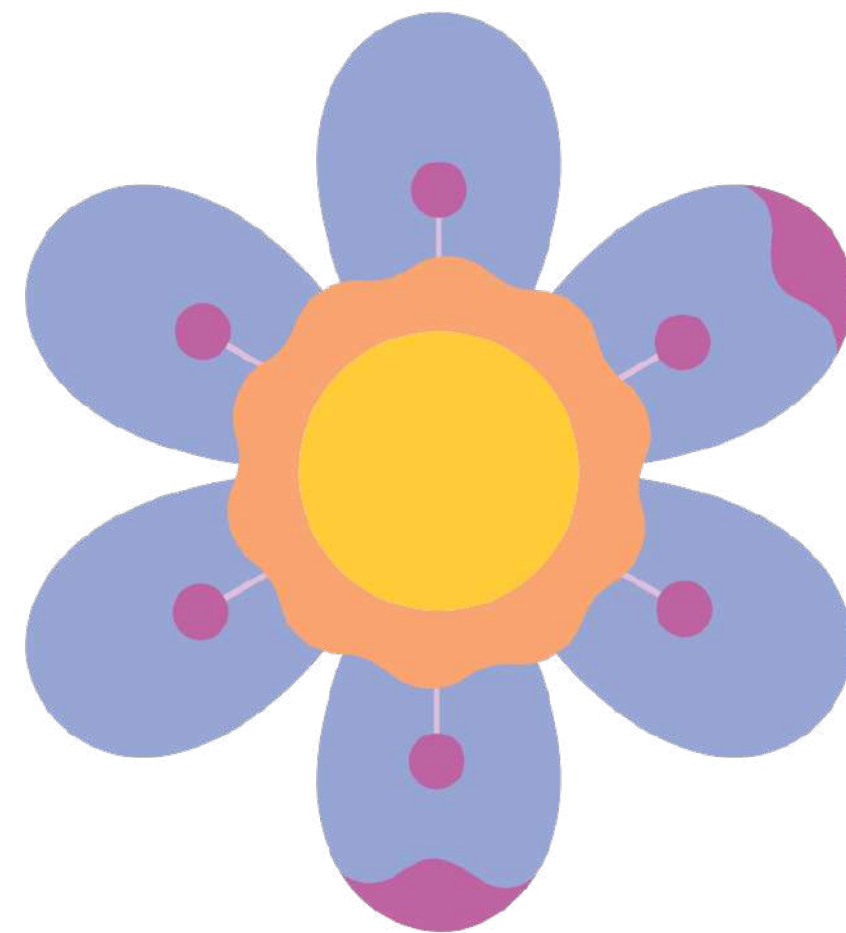
Orange

Orange

Orange

Orange

Orange

Orange

Orange

Orange

Orange

Brand Wordmark exploration
hi-fi

"I like the playful quality that the "orange (fruit)" has on #3 – I think it matches the font really well also!"

Michael

That is why I am going to choose number 3.

1 orange

2 range

3 orange

4 range

5 orange

6 range

7 orange

8 range

Final Wordmark
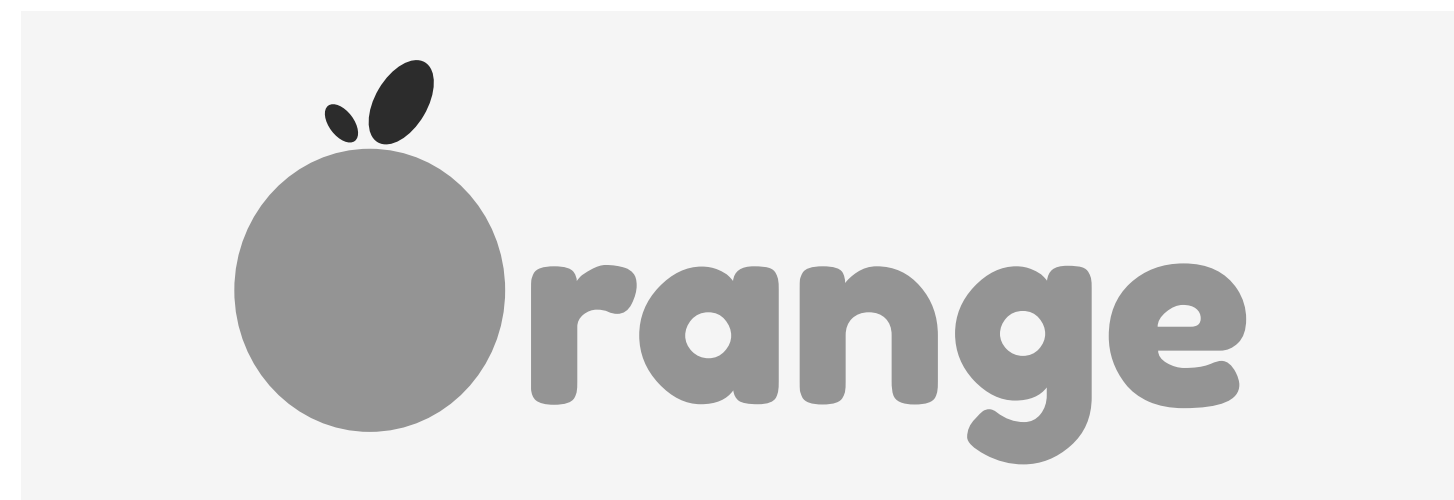
05 Color injection

Low-fi to Hi-Fi

Low-Fi to Hi-Fi
UI inspirations

Looking for different designs and usabilities can boost your imagination as a designer and help you imagine how would each design look like.
Personally, I liked the kid application homepage look and usability. That is why I made this page look like that.

What are you going to learn today?

Mathematics

Science

En
English

Geography

Break Time   Content   Homepage   Homework   My Account

What do you want to learn today?

Math
All about deviding

English
Learning a new lanuage

Art
Let's paint together

Crafts
Get creative with orange

Content   Homepage   Homework

Good Morning,
Cakka!

Numbers
All about number

Reading
Reading some word

Puzzle
Arranging puzzle

Drawing
Coloring a picture

Low-Fi to Hi-Fi
UI inspirations

As having a lot of inspiration can lead to different versions and various designs I made different pages with different colors and components to explore the best version of the interface for my application **You can see all my iterations here.**

Wireframe
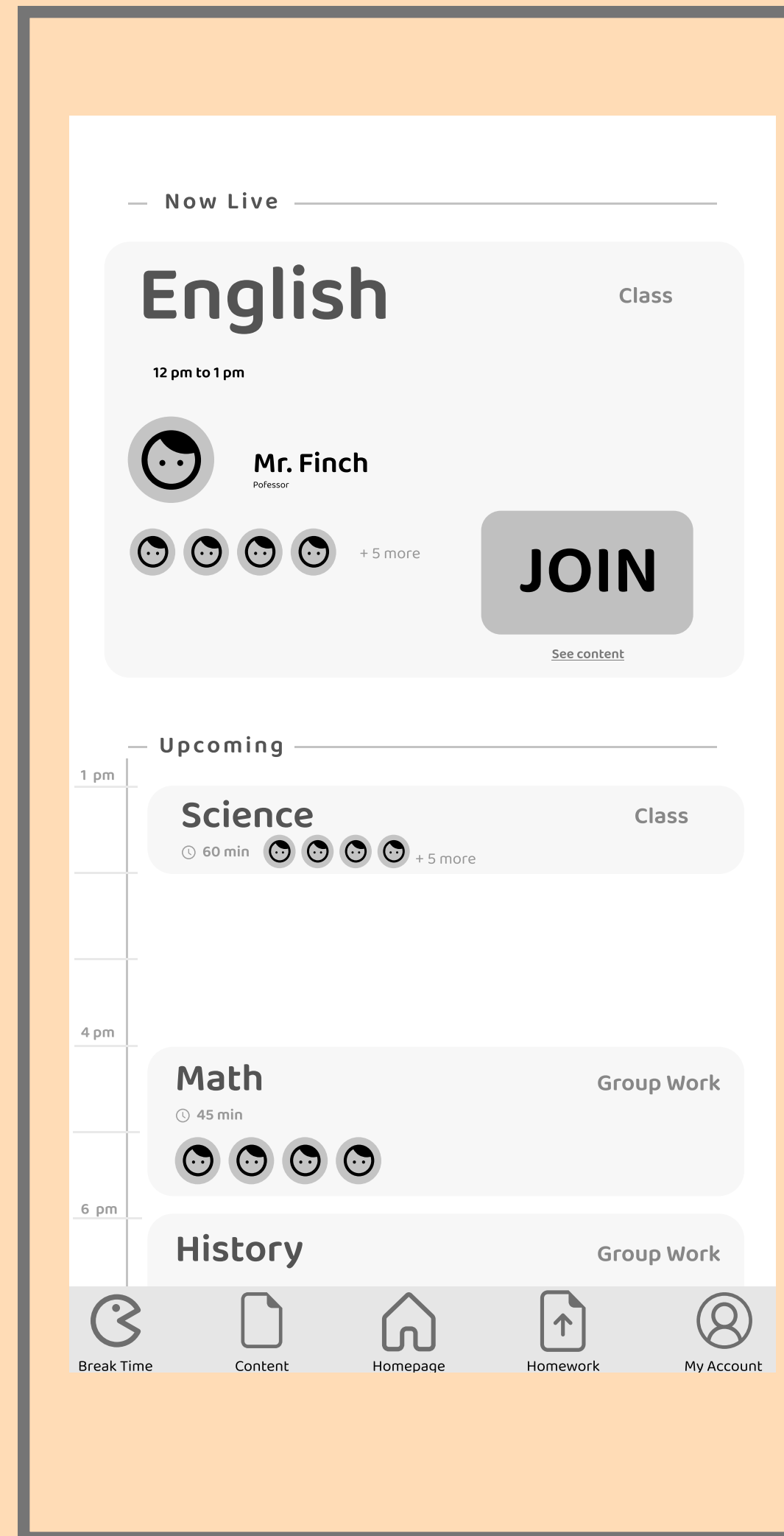
Iteration
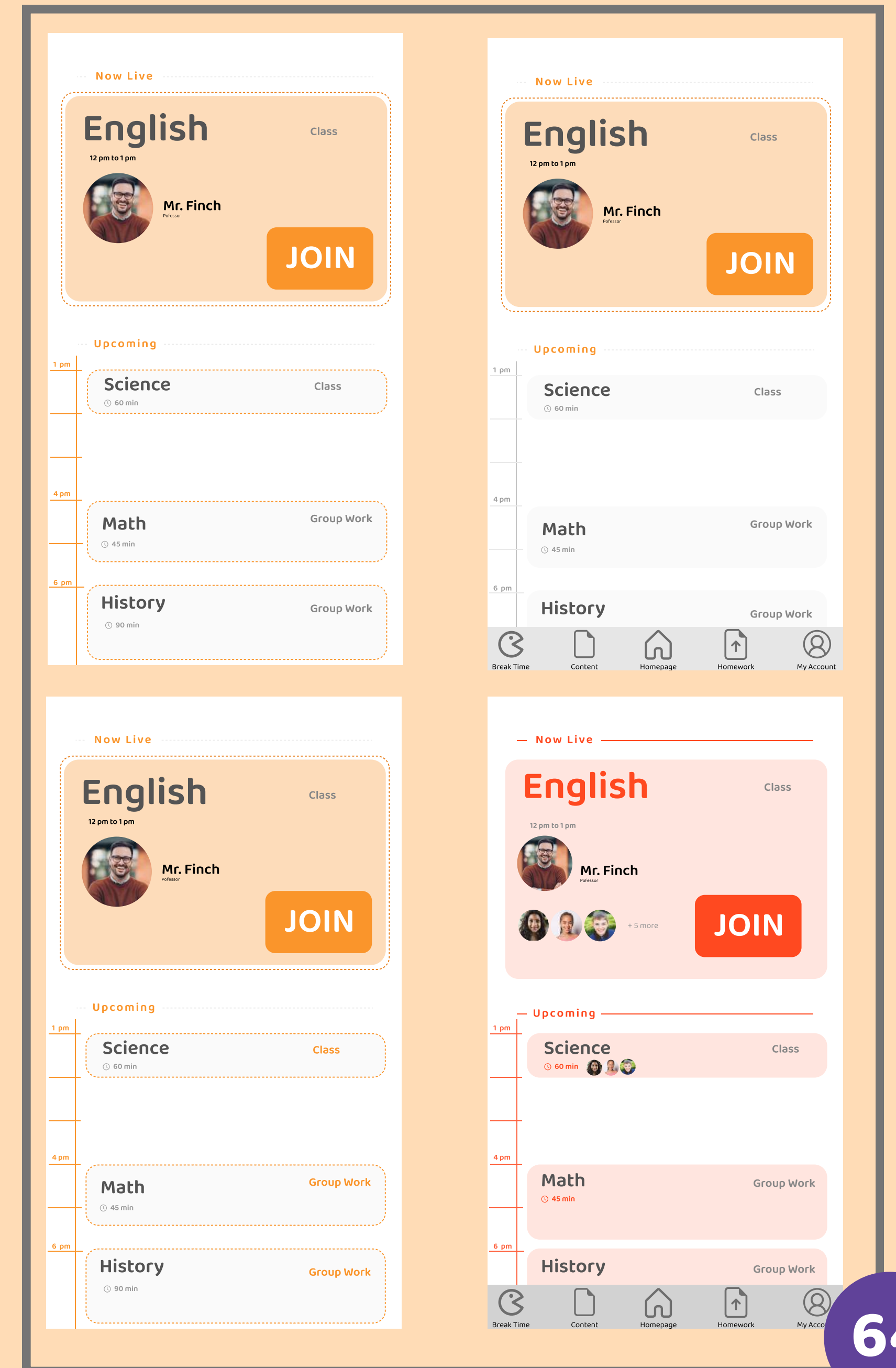
Low-Fi to Hi-Fi
Dot Voting

After doing the color injection there were a lot of options for each page.

For narrowing down the options I have asked my peers to give feedback on the best iteration of each page with dot voting.

This is the result of the dot voting.

See dot voting results here

Hi-Fi versions of my note page

Hi-Fi Versions of Scheduling page

Hi-Fi versions of content page

Hi-Fi versions of content download

From (low to high) fi
first flow: Answering to in question modal

From (low to high) fi

Second flow: Uploading assignments

See the assingments

All Assignments | **Upcoming Assignments**

Today

Simple Past
Due: August 26

Tomorrow

Gravity Law
Due: August 26

Russia is the biggest one!
Due: August 26

Deviding
Due: August 26

Simple Past
Due: August 25

Deliverable Details

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Submission

Simple Present-Subject pronoun I
Due: August 20

Need help?

See content notes

Simple Past
Due: August 25

Upload your homework

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Take a photo of your homework here.

OR

Select your files here

See content notes

Simple Past
Due: August 25

Upload your homework

Search by type or File name

Search

Photos | Videos | Audio | **Document**

See content notes

See the homeworks

ALL PROJECTS | UPCOMING PROJECTS

Today

Simple Past
Due: August 25

Tomorrow

Gravity Law
Due: August 26

Russia is the biggest one!
Due: August 26

Content | Homepage | Homework

Simple Past
Due: August 25

Homework Detail:

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Upload your homework

Simple Present-Subject pronoun I
Due: August 20

Need help?

Content | Homepage | Homework

Upload your homework

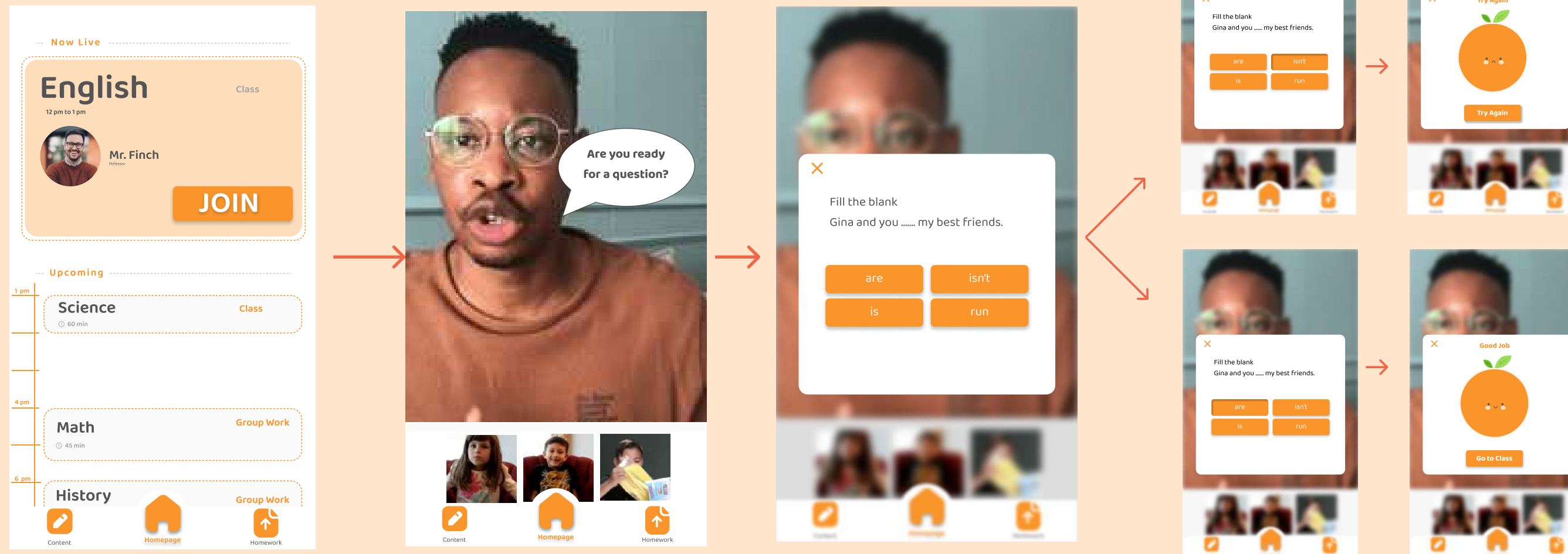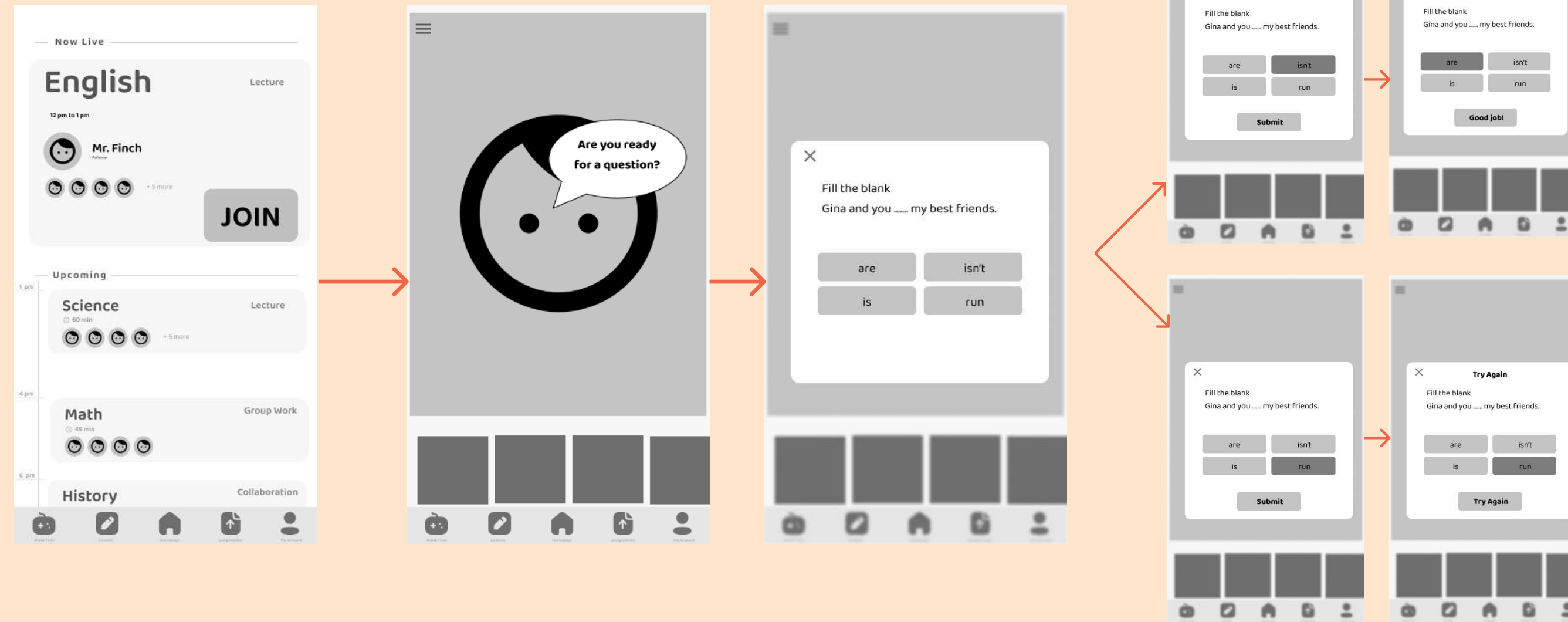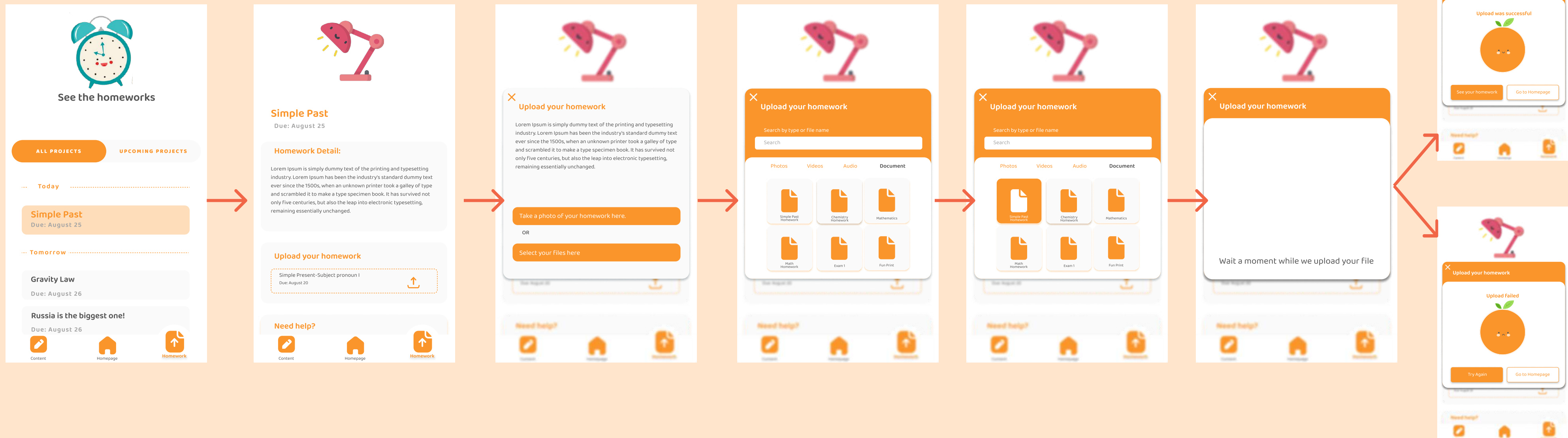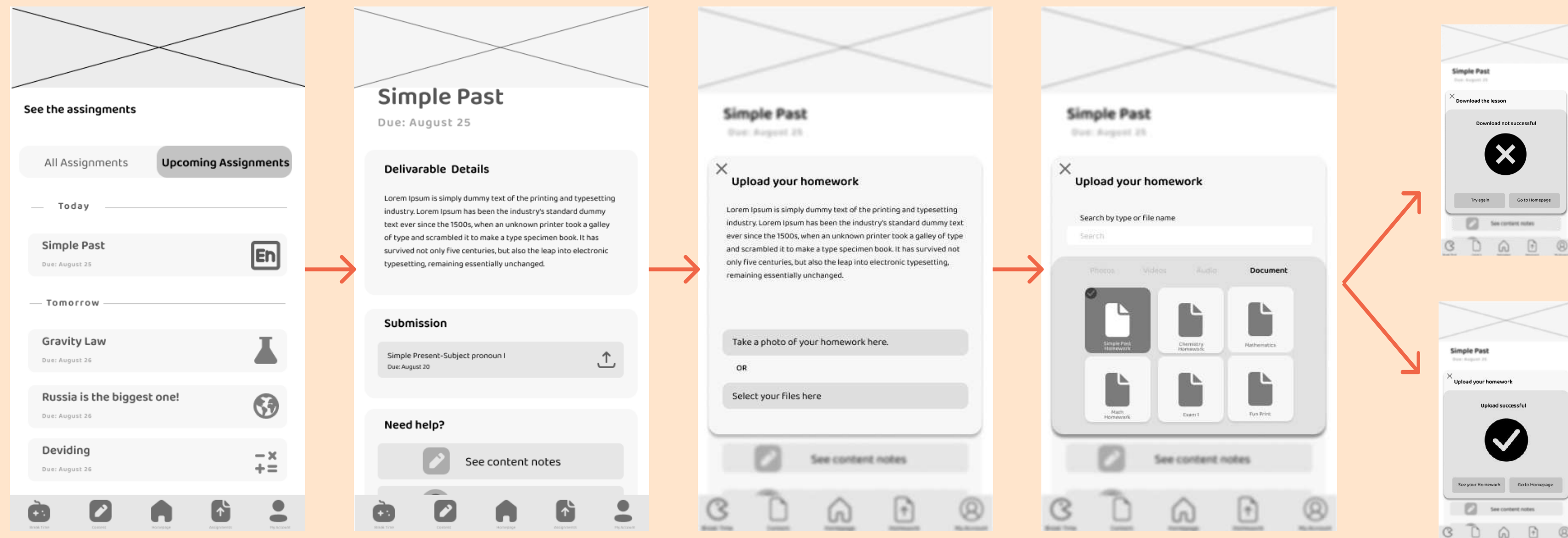Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Take a photo of your homework here.

OR

Select your Files here

Need help?

Upload your homework

Search by type or File name

Search

Photos | Videos | Audio | Document

Need help?

Upload your homework

Search by type or File name

Search

Photos | Videos | Audio | Document

Need help?

Upload your homework

Wait a moment while we upload your file

Download the lesson

Download not successful

Try again | Go to Homepage

See content notes

Upload your homework

Upload successful

See your Homework | Go to Homepage

See content notes

Upload your homework

Upload was successful

See your homework | Go to Homepage

Need help?

Upload your homework

Upload Failed

Try Again | Go to Homepage

Need help?

67

From (low to high) fi
Second flow: Downloading Class content

You can find the complete prototype here.

06 Design Systems

Typography

Colors

Buttons

Icons

Grid

Typography

These are all type sizes of the chosen font of "Baloo 2" but as we don't need all the font sizes we are going to choose font size 9 7 5 4 variants.
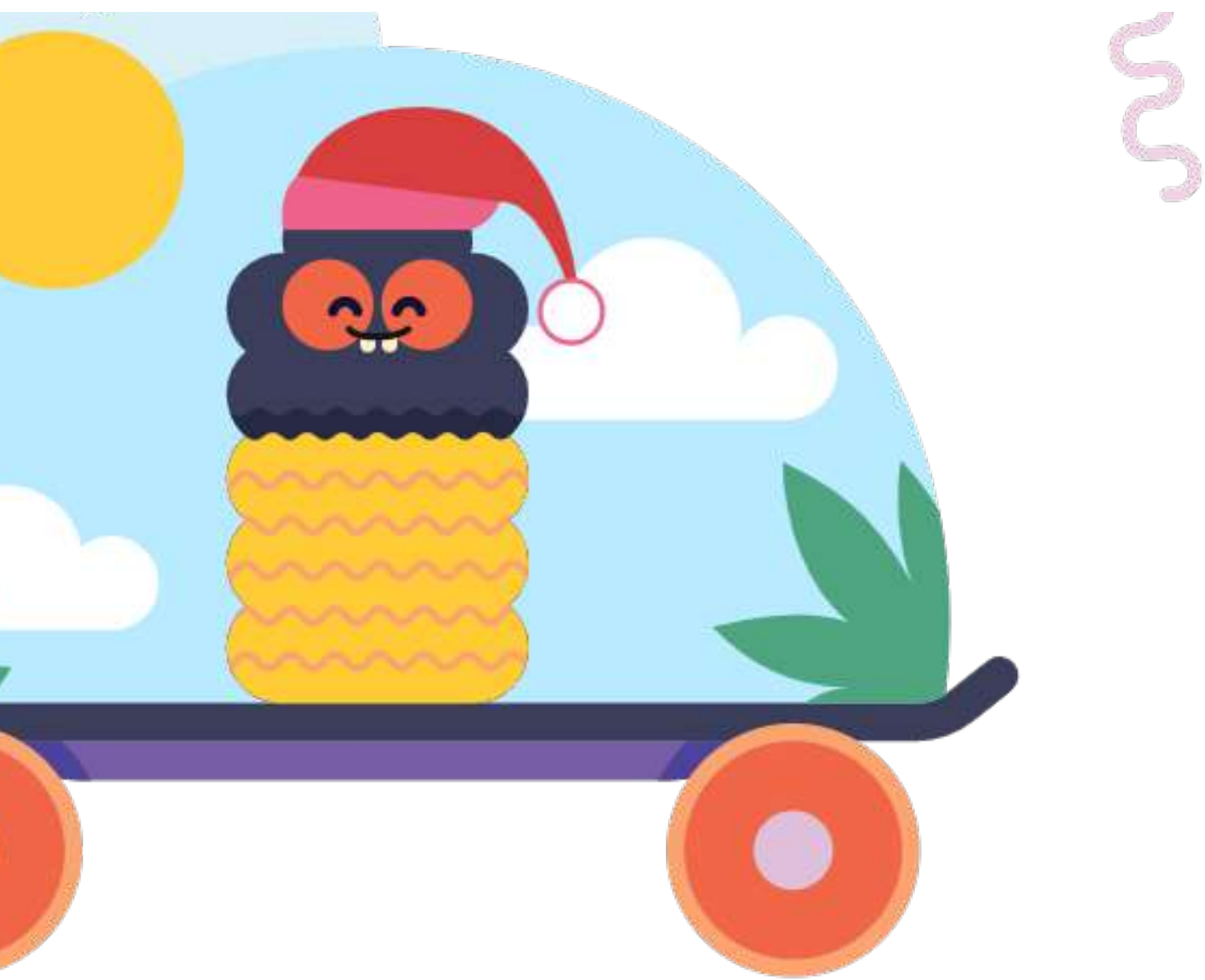
Font Size 11
The quick brown fox jumps over the lazy dog.
Font Size: 40pt | Line Height: 40pt | Weight: SemiBold, 600

Font Size 10
The quick brown fox jumps over the lazy dog.
Font Size: 35pt | Line Height: 35pt | Weight: SemiBold, 600

Font Size 9
The quick brown fox jumps over the lazy dog.
Font Size: 28pt | Line Height: 28pt | Weight: SemiBold, 600

Font Size 8
The quick brown fox jumps over the lazy dog.
Font Size: 24pt | Line Height: 24pt | Weight: SemiBold, 600

Font Size 7
The quick brown fox jumps over the lazy dog.
Font Size: 20pt | Line Height: 30pt | Weight: SemiBold, 600

Font Size 6
The quick brown fox jumps over the lazy dog.
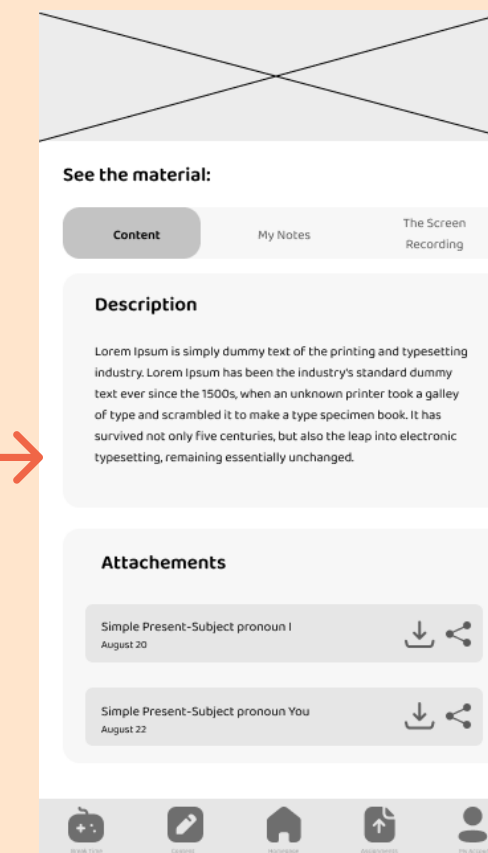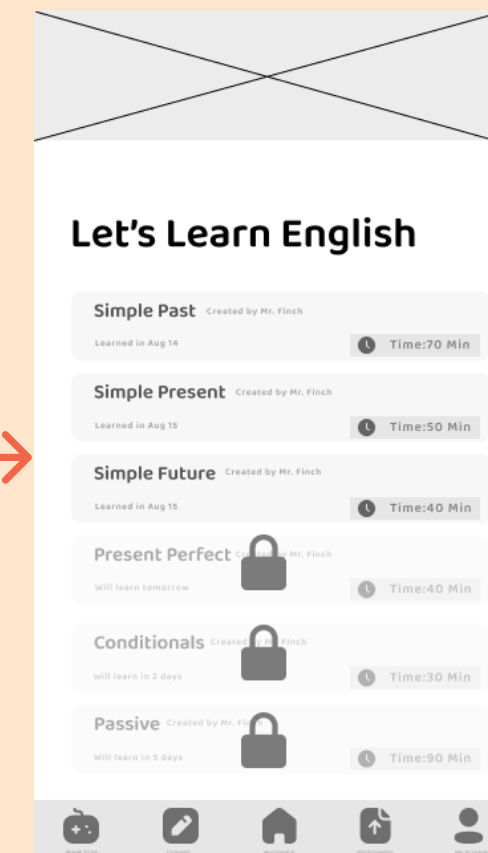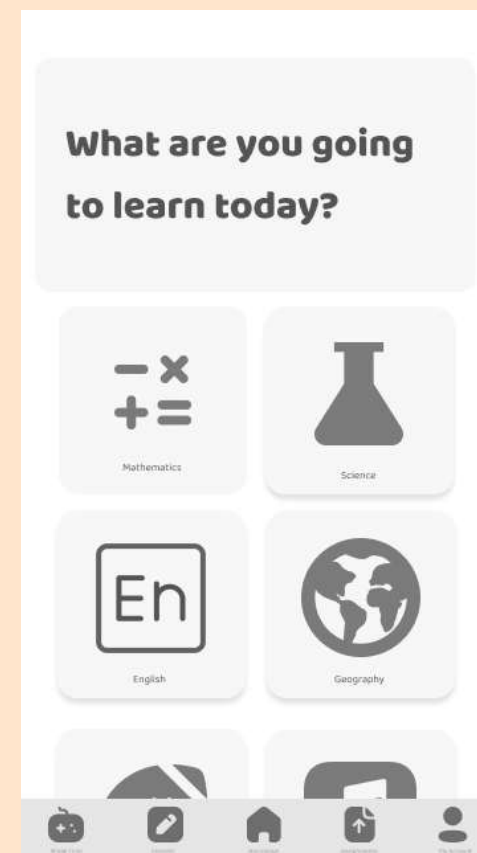Font Size: 18pt | Line Height: 27pt | Weight: SemiBold, 600

Font Size 5
The quick brown fox jumps over the lazy dog.
Font Size: 15pt | Line Height: 24pt | Weight: SemiBold, 600

Font Size 4
The quick brown fox jumps over the lazy dog.
Font Size: 14pt | Line Height: 21pt | Weight: Regular, 400

Font Size 3
The quick brown fox jumps over the lazy dog.
Font Size: 12pt | Line Height: 12pt | Weight: Regular, 500

Font Size 2
The quick brown fox jumps over the lazy dog.
Font Size: 10pt | Line Height: 10pt | Weight: Regular, 400

Font Size 1
The quick brown fox jumps over the lazy dog.
Font Size: 08pt | Line Height: 08pt | Weight: Regular, 400

Typographic

pangrammatic sentence

Lower case

Left-aligned text is easier to read than centered text for paragraphs. This is because when you center your text, the starting place of each line changes. This makes your paragraphs faster and easier to read because the user's eyes don't have to work as hard to find where the line starts each time. That is why all the BODY text of this app is left aligned.

Headers

Lowercase

Header 1
Now Live Card
(Font Size 11)

The quick brown fox jumps over the lazy dog.
Font Size: 40pt | Line Height: 40pt | Weight: SemiBold, 600

CTA Text
Now Live Card Button
(Font Size 10)

The quick brown fox jumps over the lazy dog.
Font Size: 35pt | Line Height: 35pt | Weight: SemiBold, 600

Header 2
Page Title
Class Card Title
(Font Size 7)

The quick brown fox jumps over the lazy dog.
Font Size: 20pt | Line Height: 20pt | Weight: SemiBold, 600

Header 3
Homeworks Card
 Active
Categories Card
(Font Size 6)

The quick brown fox jumps over the lazy dog.
Font Size: 18pt | Line Height: 18pt | Weight: SemiBold, 600

Header 4
Content Card
 Modal
(Font Size 5)

The quick brown fox jumps over the lazy dog.
Font Size: 15pt | Line Height: 15pt | Weight: SemiBold, 600

Card Header
Notes
HomeWorks
(Font Size 5)

The quick brown fox jumps over the lazy dog.
Font Size: 15pt | Line Height: 15pt | Weight: Semibold, 600

Typographic

pangrammatic sentence

Uppercase

Although the body text that is left
aligned is visually appealing and
accessible but Button text alignment is
different
I used the center alignments for all my
buttons in this application.

Headers
Uppercase

Header 1
Now Live Card
(Font Size 11)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
Font Size: 40pt | Line Height: 40pt | Weight: SemiBold, 600

CTA Text
Now Live Card Button
(Font Size 10)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
Font Size: 35pt | Line Height: 35pt | Weight: SemiBold, 600

Header 2
Page Title
Class Card Title
(Font Size 7)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 20pt | Line Height: 20pt | Weight: SemiBold, 600

Header 3
Homeworks Card
 Active
Categories Card
(Font Size 6)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 18pt | Line Height: 18pt | Weight: SemiBold, 600

Header 4
Content Card
 Modal
(Font Size 5)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 15pt | Line Height: 15pt | Weight: SemiBold, 600

Card Header
Notes
HomeWorks
(Font Size 5)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
Font Size: 15pt | Line Height: 15pt | Weight: Semibold, 600

Typographic

pangrammatic sentence

Lower case

Readability should come before anything else. We have text on our pages, so any decisions we're making with letter-spacing should be about making our text as easy to read as possible.

That has the added benefit of making things just look nicer while you're at it. Adding in the little details to your designs is what takes something from just okay to looking sharp, and nice uses of letter-spacing can help with that.

The spacing in Baloo 2 font is well balanced so there is no need of changing it and I kept the spacing 0 pt all through the application

Body Copy

Lowercase

Navigation
Class Card/Category
(Font Size 3)

The quick brown fox jumps over the lazy dog.
Font Size: 12pt | Line Height: 12pt | Weight: SemiBold, 600

Homeworks Card/
Subtitle
Now Live Card/Category
(Font Size 3)

The quick brown fox jumps over the lazy dog.
Font Size: 12pt | Line Height: 12pt | Weight: SemiBold, 600

Body
Content
(Font Size 2)

The quick brown fox jumps over the lazy dog.
Font Size: 10pt | Line Height: 10pt | Weight: Regular, 400

Description
Content Card
(Font Size 2)

The quick brown fox jumps over the lazy dog.
Font Size: 10pt | Line Height: 10pt | Weight: Regular, 400

Subtitle
Teachers Notes Card
Files Card
Class Card Time
(Font Size 1)

The quick brown fox jumps over the lazy dog.
Font Size: 8pt | Line Height: 8pt | Weight: SemiBold, 600

Typographic

pangrammatic sentence

Uppercase

Body Copy

Uppercase

Navigation
Class Card/Category
(Font Size 3)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 12pt | Line Height: 12pt | Weight: SemiBold, 600

Homeworks Card/
Subtitle
Now Live Card/Category
(Font Size 3)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 12pt | Line Height: 12pt | Weight: SemiBold, 600

Body
Content

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 10pt | Line Height: 10pt | Weight: Regular, 400

Description
Content Card
(Font Size 2)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 10pt | Line Height: 10pt | Weight: Regular, 400

Subtitle
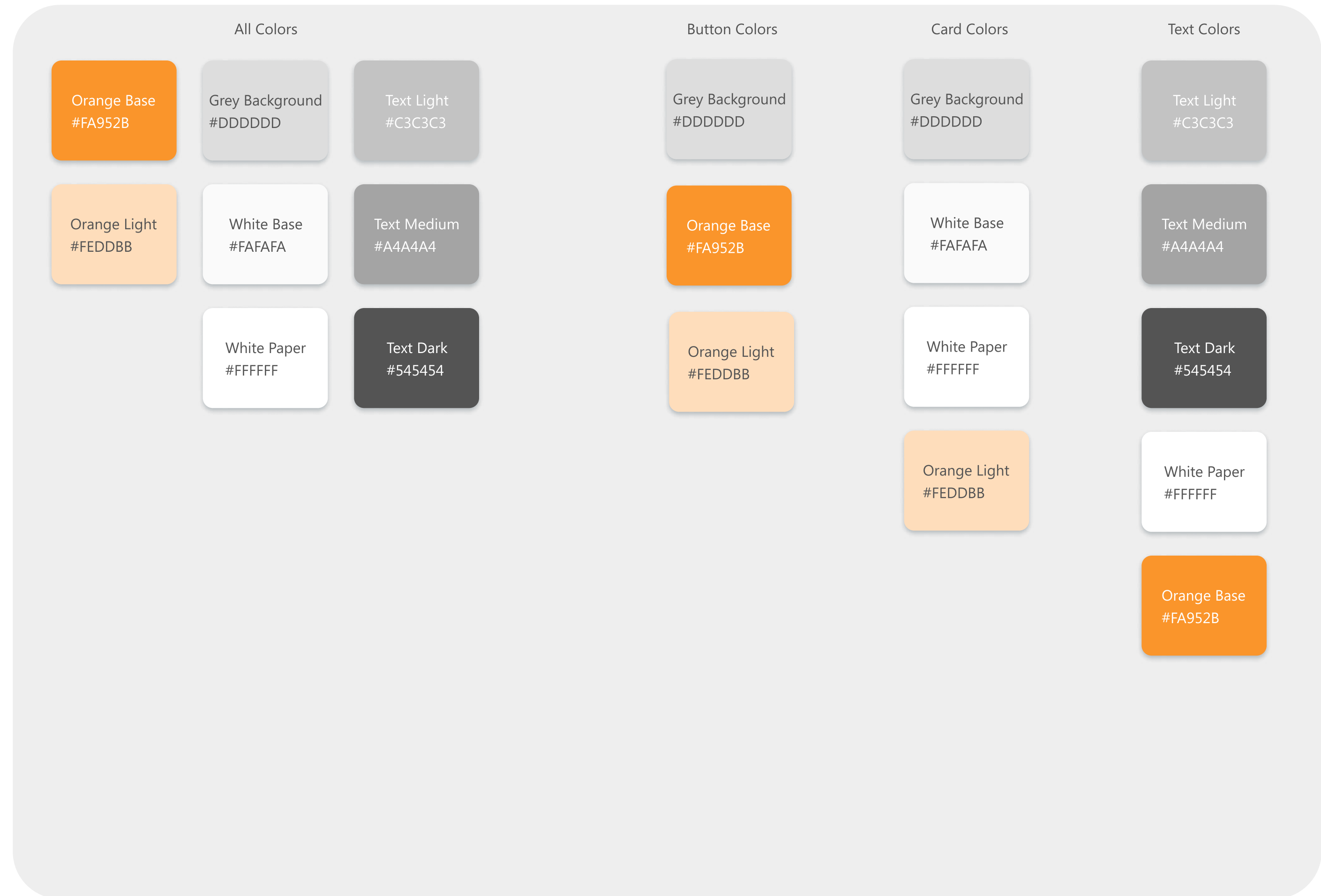Teachers Notes Card
Files Card
Class Card Time
(Font Size 1)

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG

Font Size: 8pt | Line Height: 8pt | Weight: SemiBold, 600

Colors

UI Application Colors

The effective use of color and graphics in children's media is one of the most important aspects of design to ensure that you deliver optimal content and a memorable user experience to young users. Younger children, generally prefer bold, primary colors and high contrasts in graphic layouts that evoke exploration and discovery.

All Colors

Orange Base #FA952B	Grey Background #DDDDDD	Text Light #C3C3C3
Orange Light #FEDDBB	White Base #FAFAFA	Text Medium #A4A4A4
	White Paper #FFFFFF	Text Dark #545454

Button Colors

Grey Background #DDDDDD
Orange Base #FA952B
Orange Light #FEDDBB

Card Colors

Grey Background #DDDDDD
White Base #FAFAFA
White Paper #FFFFFF
Orange Light #FEDDBB

Text Colors

Text Light #C3C3C3
Text Medium #A4A4A4
Text Dark #545454
White Paper #FFFFFF
Orange Base #FA952B

The Grayscale color selection was added in the Capstone 2

Buttons

active, inactive, resting, pressed, disabled

The hover state is provided just for the sake of prototyping
We want to show stakeholders the best possible version of the wireframe while prototyping on the PC this is why we have a hovering state here.

STATES OF QUESTION MODAL

Default	Hover	Pressed	Disabled	Text

BUTTON

Font Size: 13pt
| Line Height: 20pt
| Weight: Regular, 400

DOWNLOAD AND UPLOAD MODAL

Primary	Secondary	Pressed	Text Primary	Text Secondary

BUTTON

BUTTON

Font Size: 13pt
| Line Height: 20.5 pt
| Weight: Regular, 400

Font Size: 13pt
| Line Height: 20.5 pt
| Weight: Regular, 400

ADD NOTE BUTTON
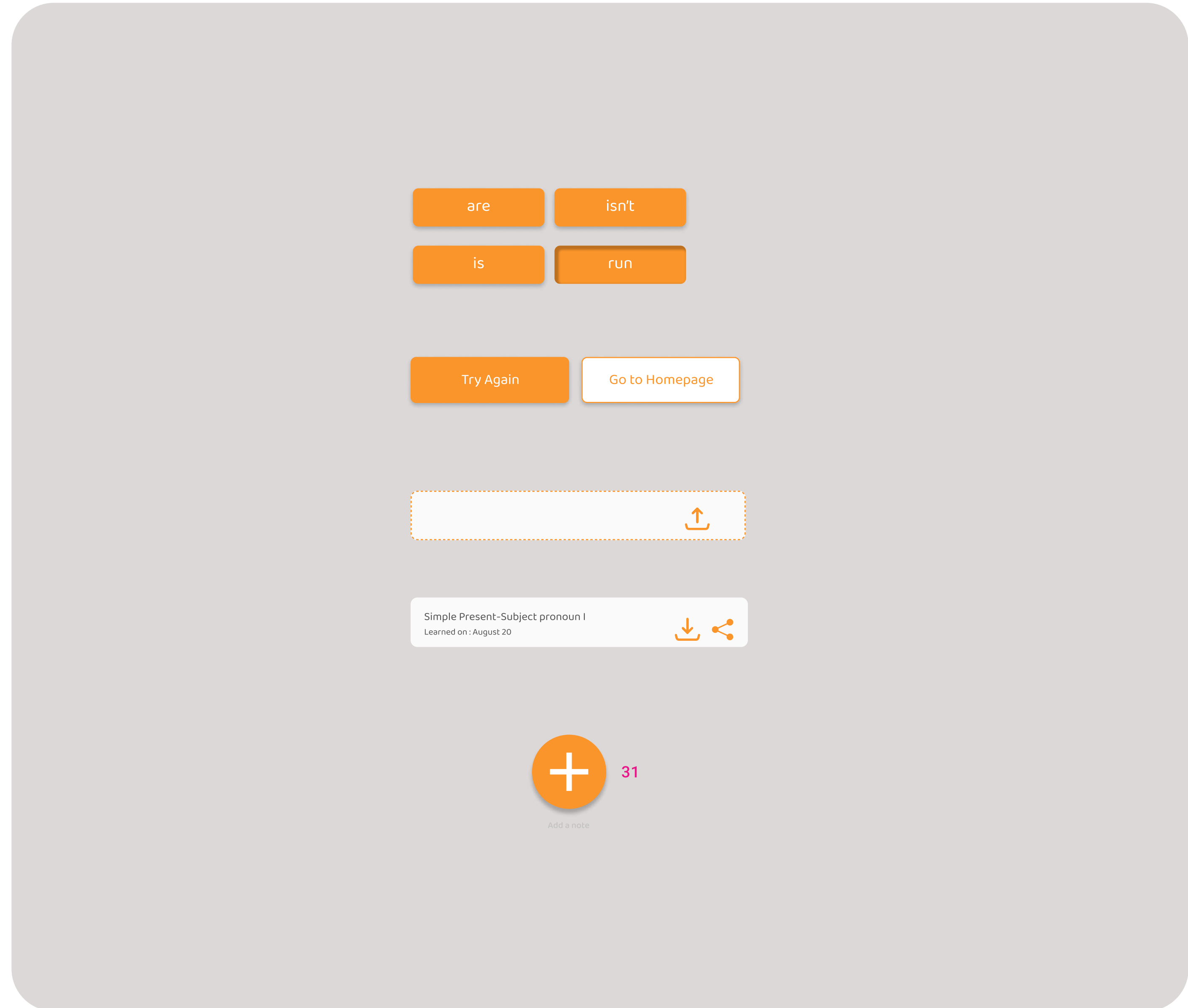
Default	Extended	Icons	Text

Take a picture

Enter Manually

Add a note

ENTER MANUALLY

Font Size: 8pt
| Line Height: 12.6 pt
| Weight: Regular, 400

Buttons

Padding and redlines

A redline document has specifications for design and measures of distances, sizes, and styles. It is required by your developer because they don't have access to design tools (sometimes) and lack the knowledge of the tool to get all the relevant information they need for developing.
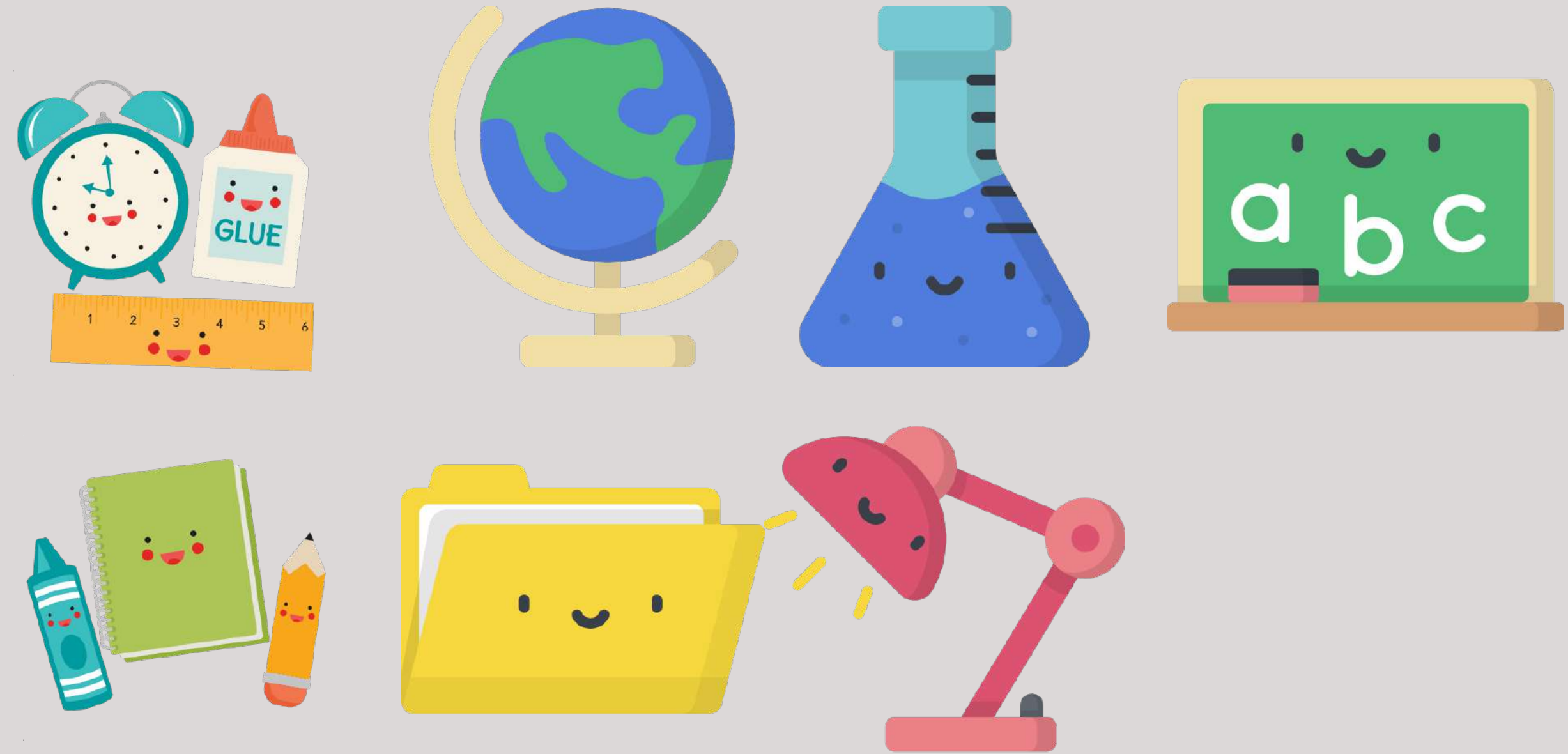
are

isn't

is

run

Try Again

Go to Homepage

Simple Present-Subject pronoun I
Learned on : August 20

31

Add a note

Icons

Here is the link to the free icon library that I have used.
The main orange character is inpired by the looks of the icons in this icon pack.

Kid friendly icons for building a strong UI

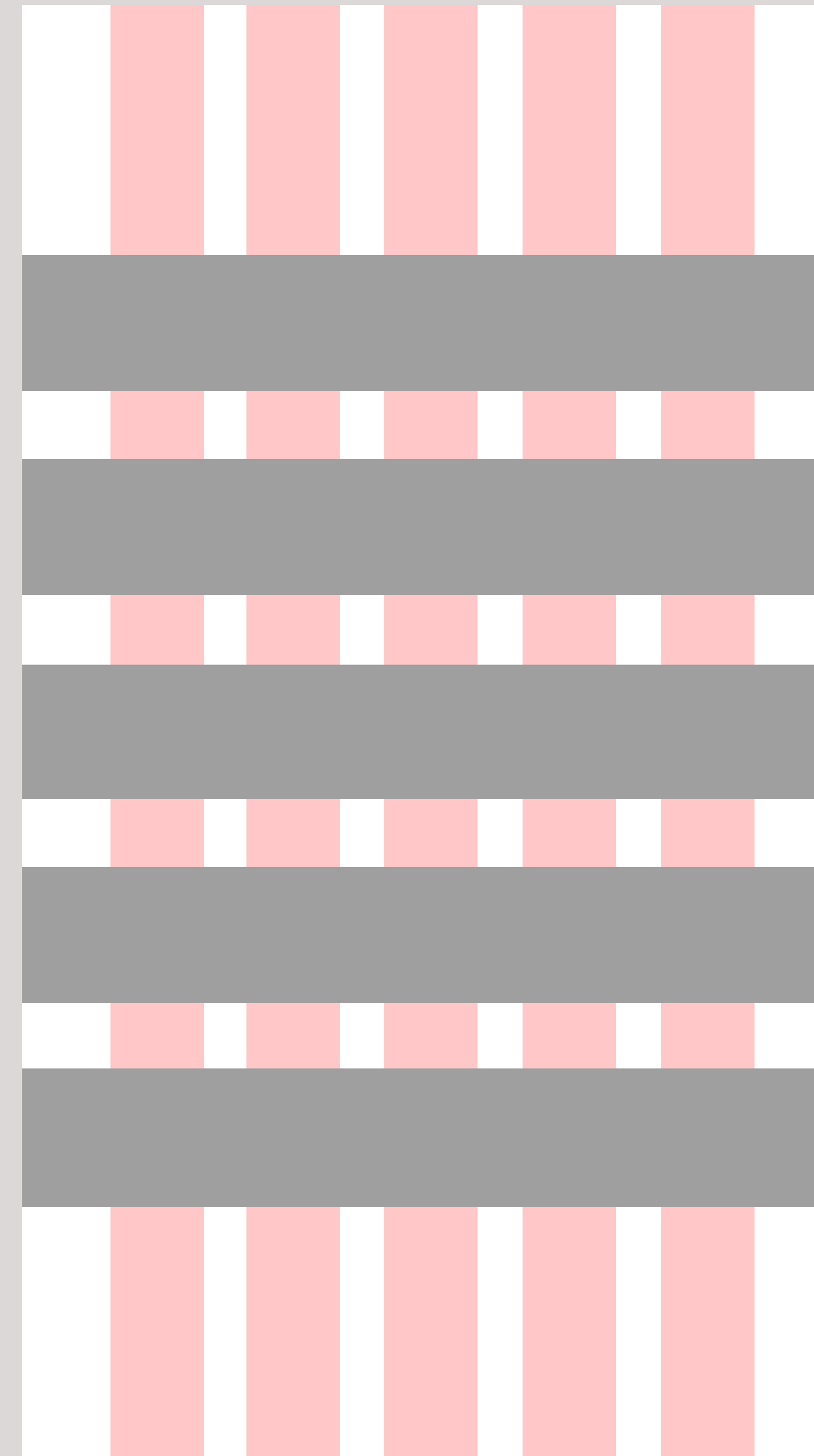Navigation icons for easy and comprehensive bottom nav bar

Grid

Rows:
Count: 5
Type: Center
Height: 60
Offset: 0
Gutter: 30

Column:
Count: 5
Type: Center
Width: 41
Offset: 0
Gutter: 20

07 Atomic Design

Uploading Modal

Segmented Picker

Bottom Navigation Bar

Confirmation Modal

Question Modal

Homescreen Icon

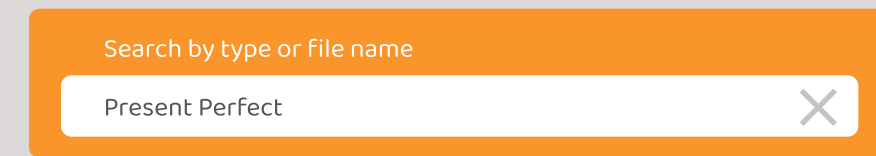# Uploading Modal

Atoms

Search Field

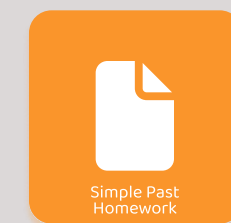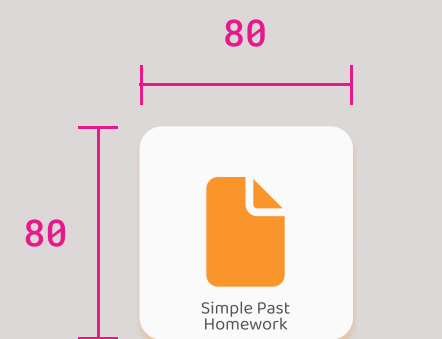299

Search by type or file name

Search

23

Light / Default

Search by type or file name

Present Perfect ✕

Light / Cancel

File Cards

80

Simple Past Homework

80

Simple Past Homework

Light / Selected   Light / Unselected

Segmented picker

36

| Photos | Videos | Audio | **Document** |

333

| Photos | Videos | **Audio** | Document |

Light / 4 Options / Right Selected

Light / 4 Options / Right-Center Selected

| Photos | **Videos** | Audio | Document |

Light / 4 Options / Left-Center Selected

| **Photos** | Videos | Audio | Document |

Light / 4 Options / Left Selected

Molecules

333

✕ **Upload your homework**

Search by type or file name

Search

340

| Photos | Videos | Audio | **Document** |

Simple Past Homework | Chemistry Homework | Mathematics

Math Homework | Exam 1 | Fun Print

217
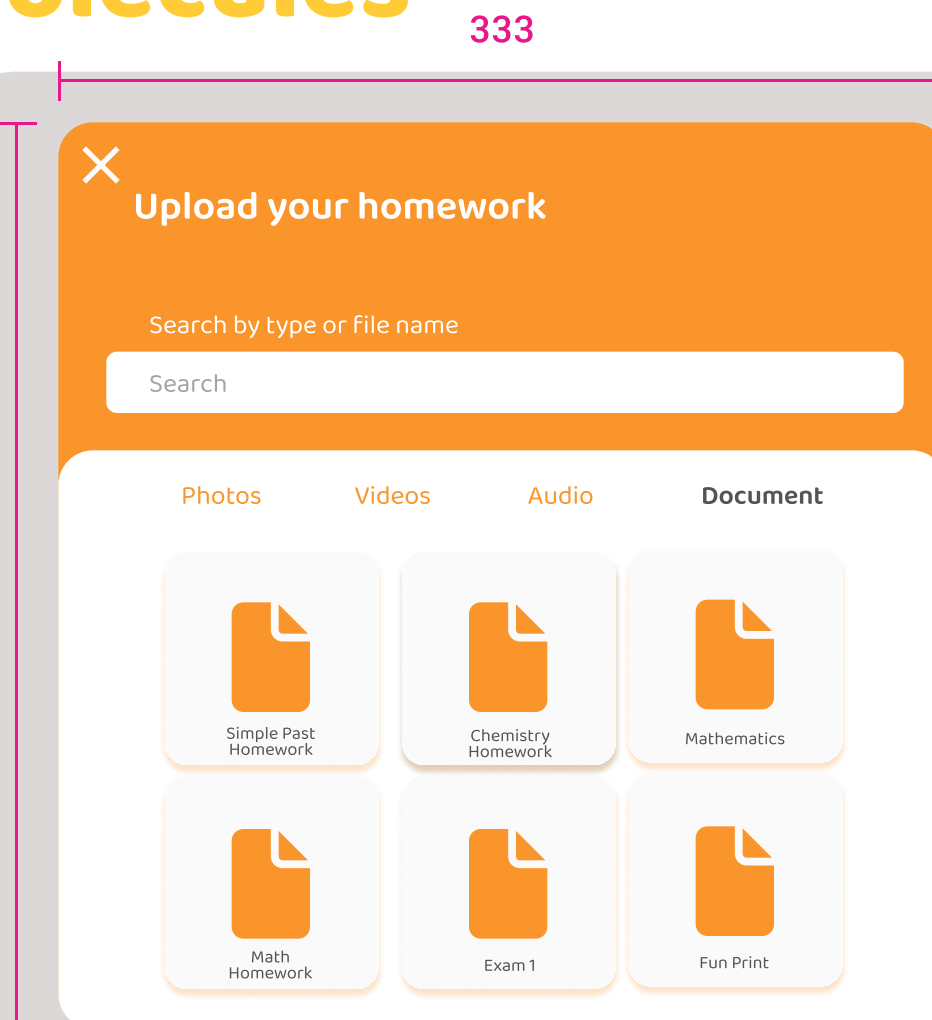
Light / Android phone / Default

✕ **Upload your homework**

Search by type or file name

Present Perfect ✕

| Photos | Videos | Audio | **Document** |

Simple Past Homework | Chemistry Homework | Mathematics

Math Homework | Exam 1 | Fun Print

Light / Android phone / Search

✕ **Upload your homework**

Search by type or file name

Search

| Photos | Videos | Audio | **Document** |

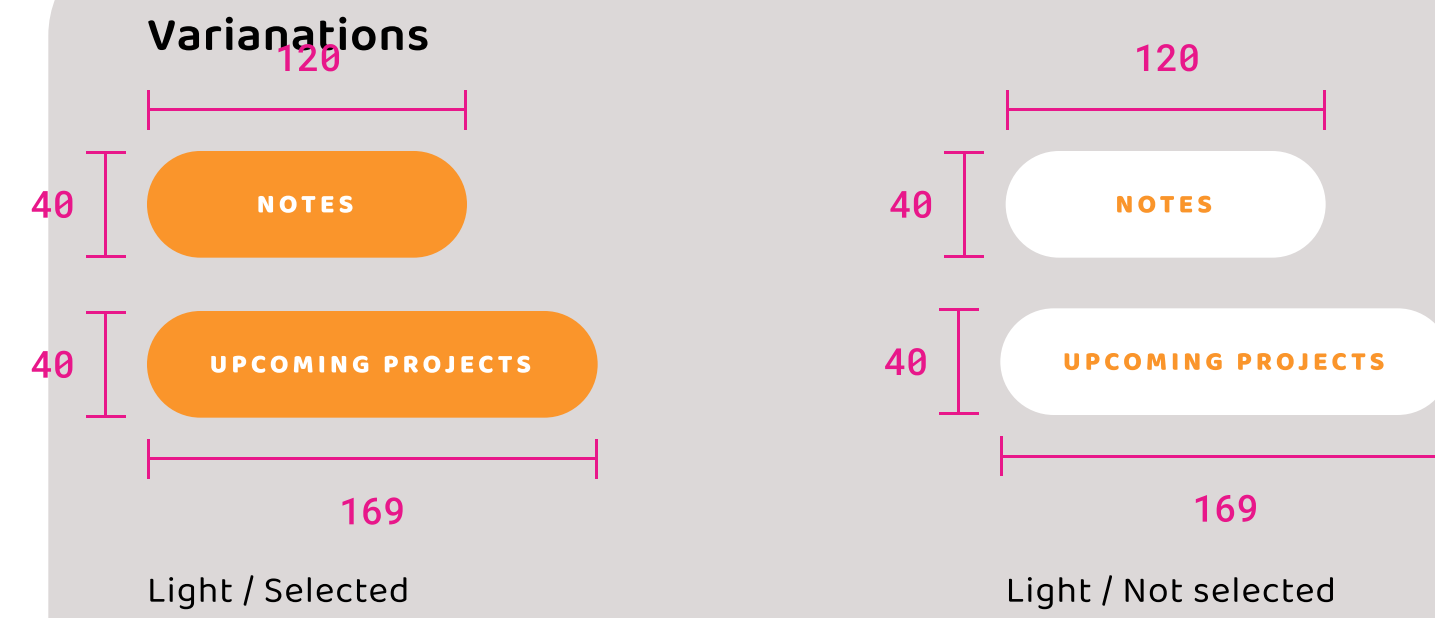Simple Past Homework | Chemistry Homework | Mathematics

Math Homework | Exam 1 | Fun Print
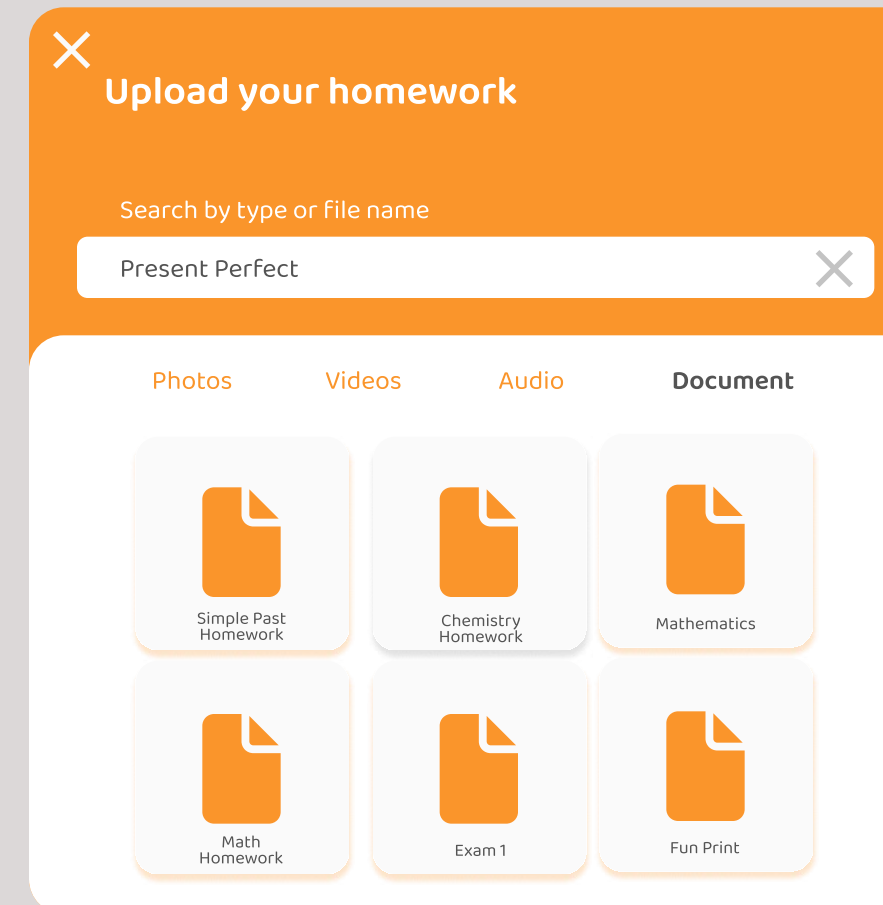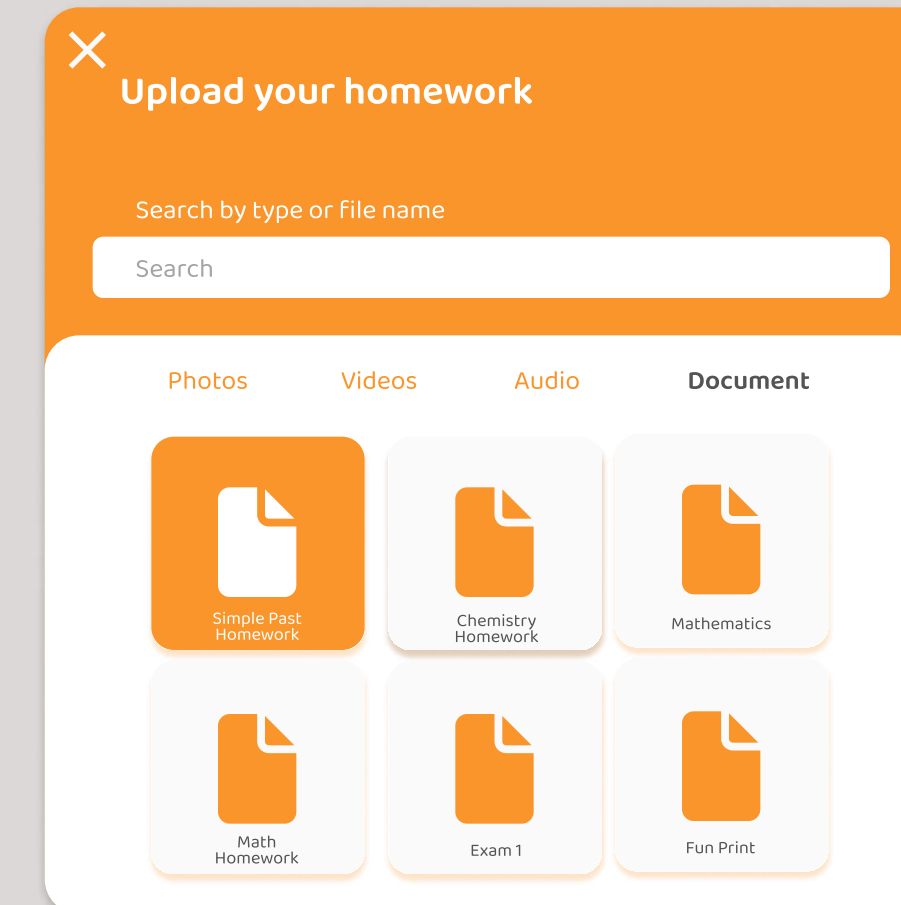
Light / Android phone / Selected File Card

Segmented Picker

Atoms

Variations

120

40 **NOTES**

40 **UPCOMING PROJECTS**

169

Light / Selected

120

40 **NOTES**

40 **UPCOMING PROJECTS**

169

Light / Not selected

Molecules

Segmented picker

338

40 **ALL PROJECTS** | **UPCOMING PROJECTS**

Light / 2 Options / Right Selected

ALL PROJECTS | **UPCOMING PROJECTS**

Light / 2 Options / Left Selected

169   120

CONTENT | **VIDEOS** | **NOTES**

Light / 3 Options / Right Selected

CONTENT | **VIDEOS** | **NOTES**

Light / 3 Options / Center Selected

40 **CONTENT** | **VIDEOS** | **NOTES**

338

Light / 3 Options / Left Selected

Bottom Navigation Bar

Atoms

Navigation Icons

39
50

55
58

Content
Homepage
Homework

Light / Selected

39
47

Content

44
45

Homepage
Homework

Light / Not selected

Molecules

Segmented picker

64
360

50
62

Content
Homepage
Homework
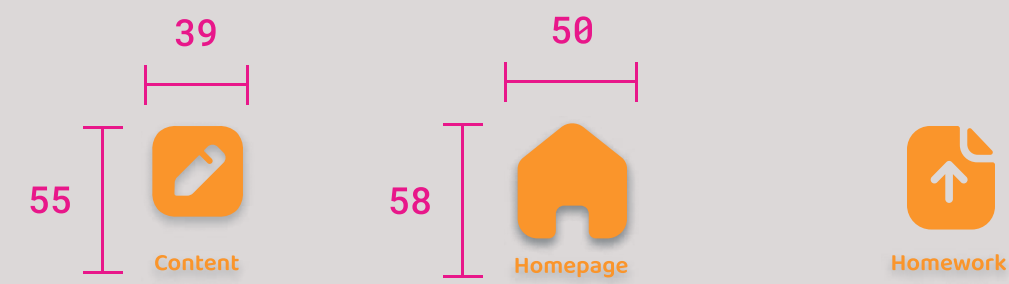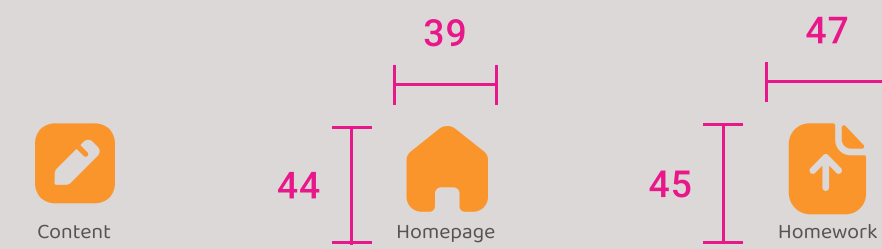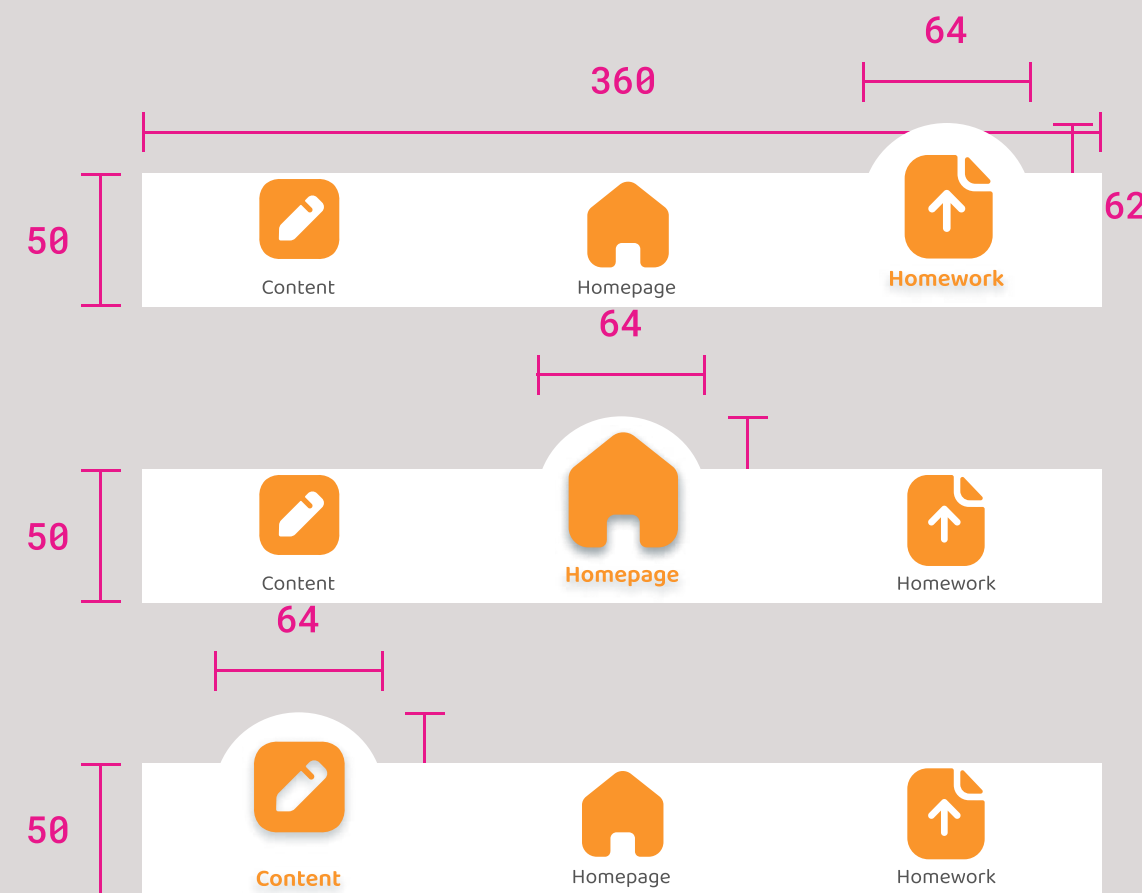
Light / 3 Tabs / Android / Right Selected

64

50

Content
Homepage
Homework

Light / 3 Tabs / Android / Center Selected

64

50

Content
Homepage
Homework

Light / 3 Tabs / Android / Left Selected

Confirmation modal

Atoms

Buttons on modals

141

| Try Again | | See File |

41 · Try Again · 41 · See File

Light / Primary button

141

Go to Homepage

41 · Go to Homepage

Light / Secondary button

Illustrations on modals

125

155 · 155

125

Molecules

Modals

333

333

× Download the lesson

333

× Download the lesson

Download failed

Download was Successful

340

288

340

| Try Again | Go to Homepage |

| See File | Go to Homepage |

Light / Unsuccessful Action

Light / Successful Action

Question modal

Atoms

Buttons on modals

117
34 | are | Light / Selected

117
34 | isn't | Light / Not selected

117
34 | **Go to Class** | Light / Successful action

117
34 | **Try Again** | Light /unsuccessful action

Molecules

Modals

307

× ⊥ 14
⊦
14 Fill the blank
Gina and you .... my best friends.

| are | isn't |
| is | run |

6 ⊦
9

288

Light / Question

307

× **Try Again**

177

Try Again

288

Light / Unsuccessful Action

307

× **Good Job**

288

Go to Class

Light / Successful Action

Homescreen Icon

Atoms

mipmap-mdpi   mipmap-hdpi   mipmap-xhdpi   mipmap-xxhdpi   mipmap-xxxhdpi
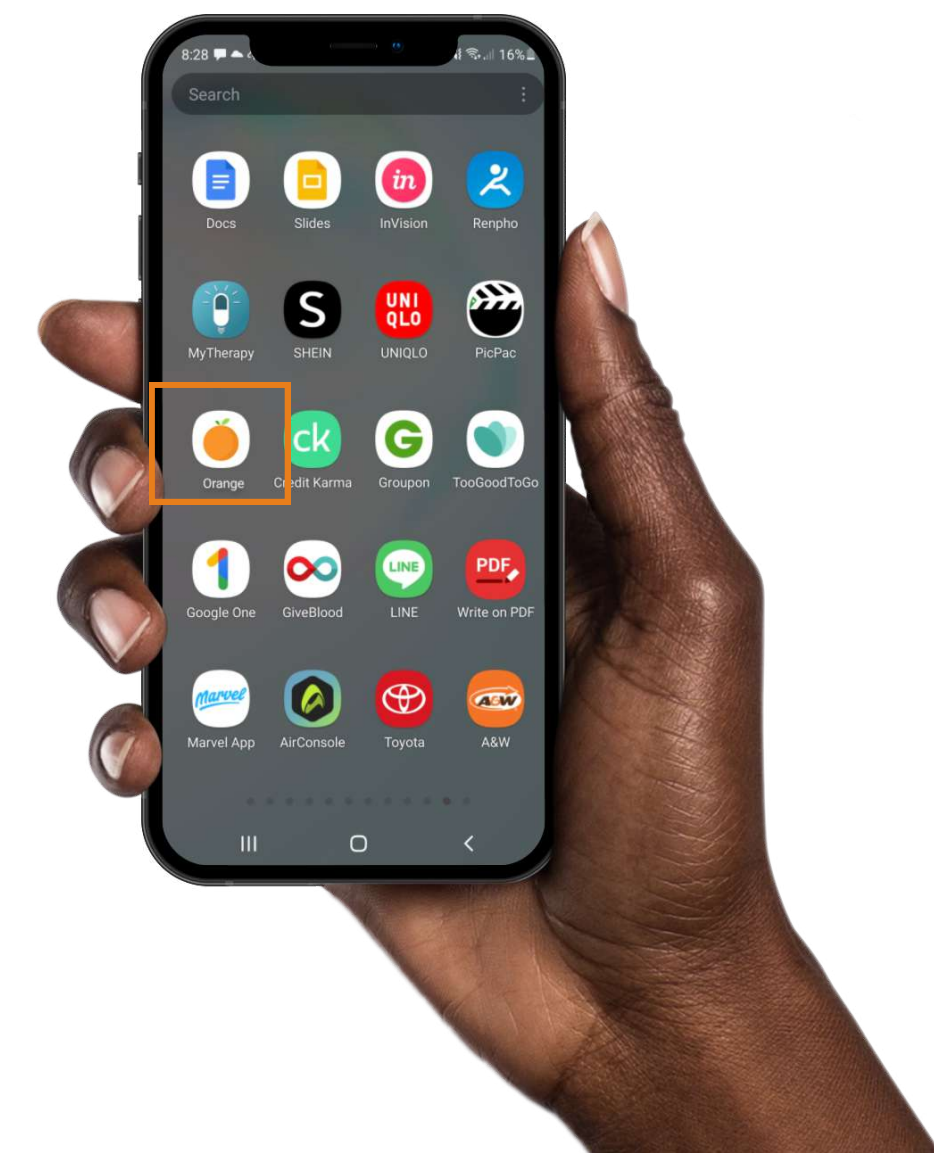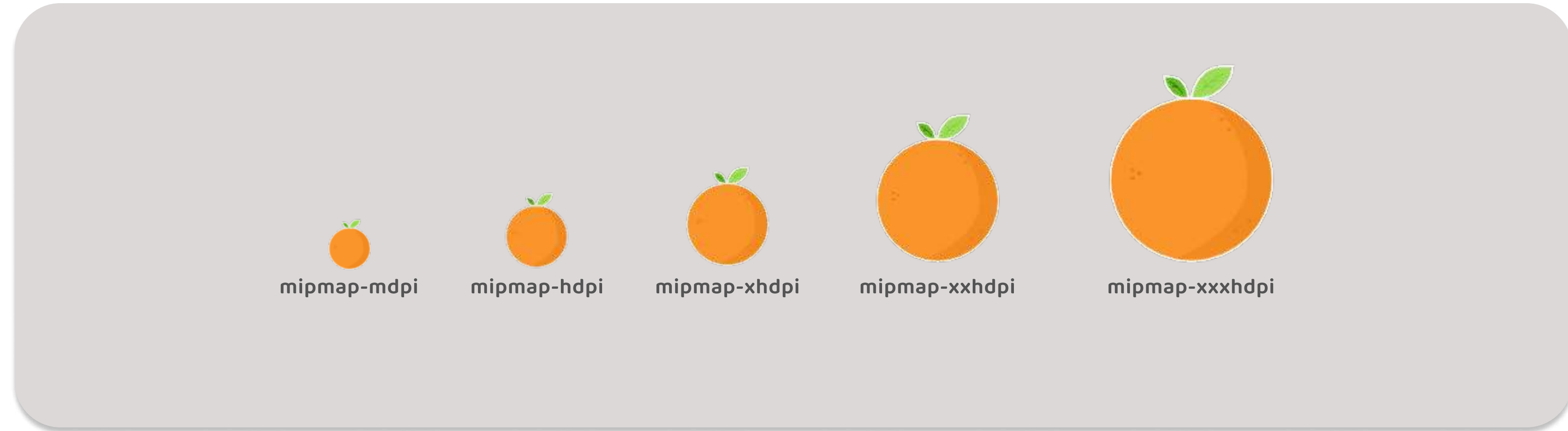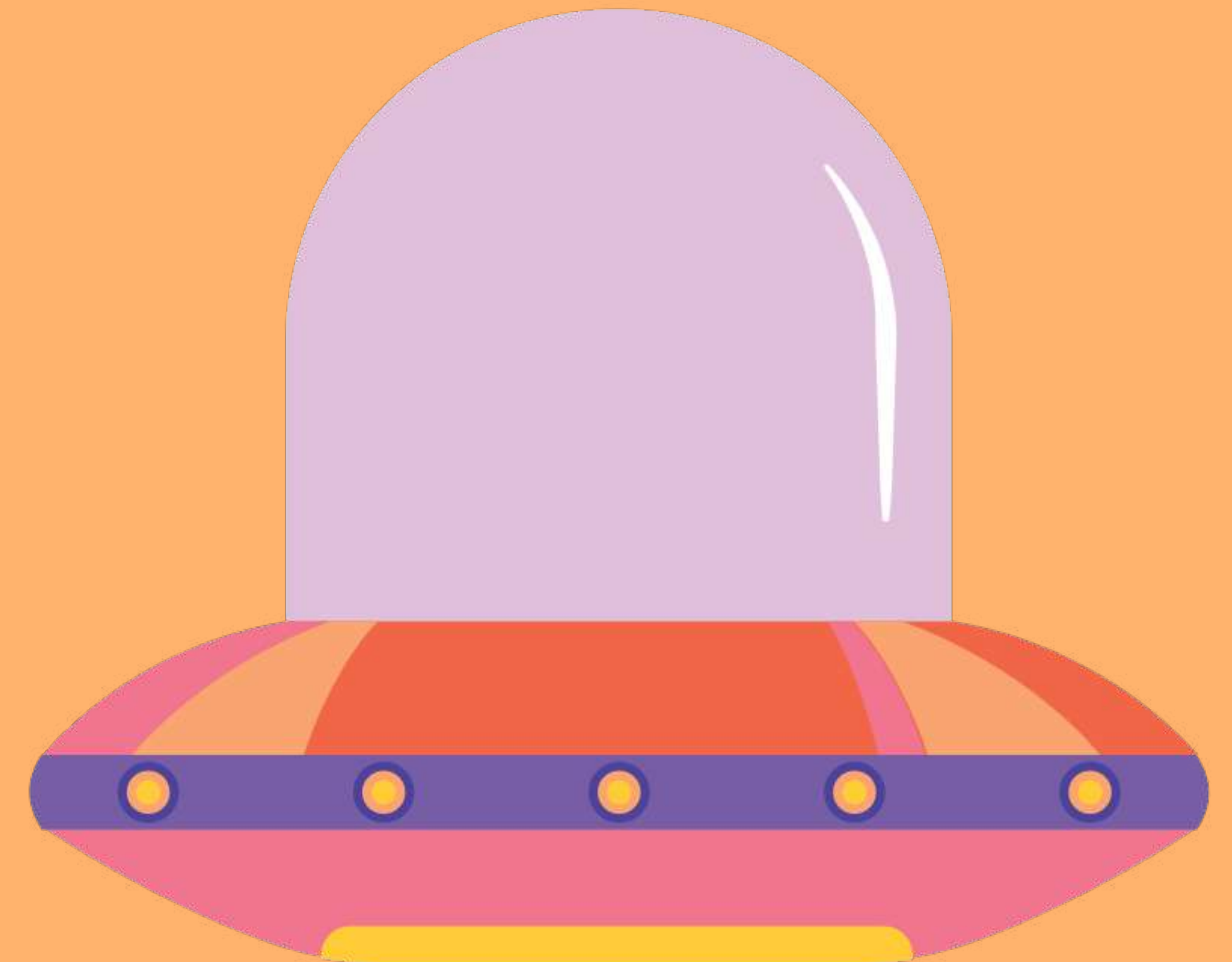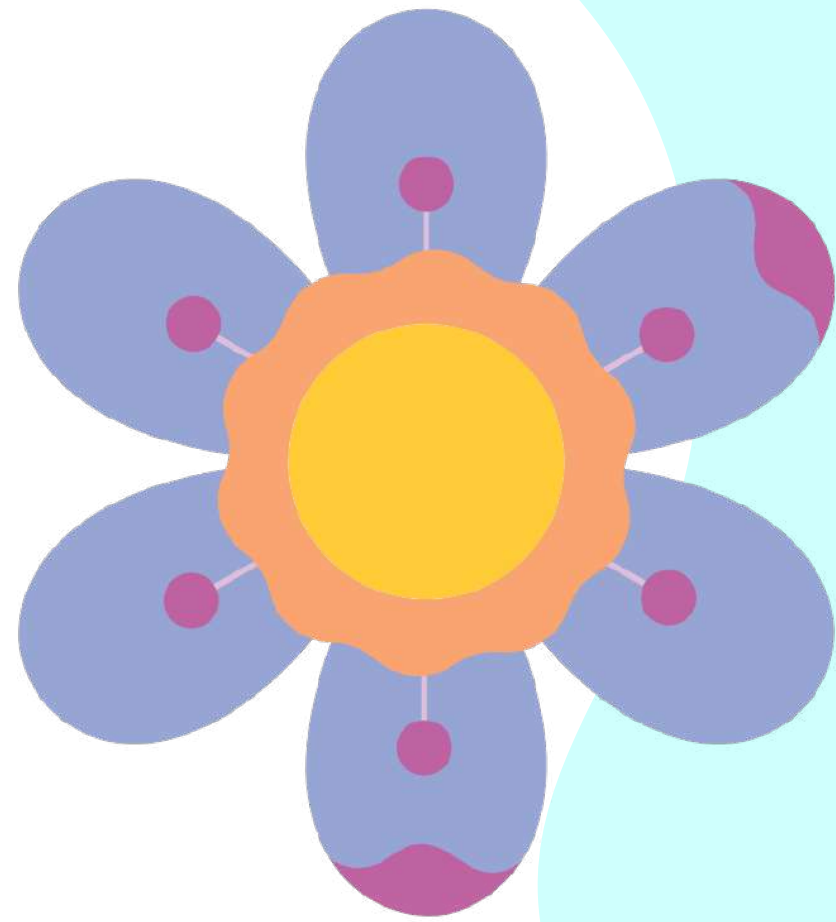
08 Next Steps

The next step is developing the other functionalities that we couldn't implement because of lack of time. Adding 2 other flows (Gamification of learning and break time) as we know from the interviews and user stories, kids wanted them to have better physical and mental health.

09 Appendix

Appendix

Here you can find my Prototype:

https://www.figma.com/proto/xwgNkk5FUilgzatI2Ha4Ep/
Wireframes?node-id=164%3A7865&scaling=min-zoom&page-
id=154%3A3779&starting-point-node-id=164%3A7865
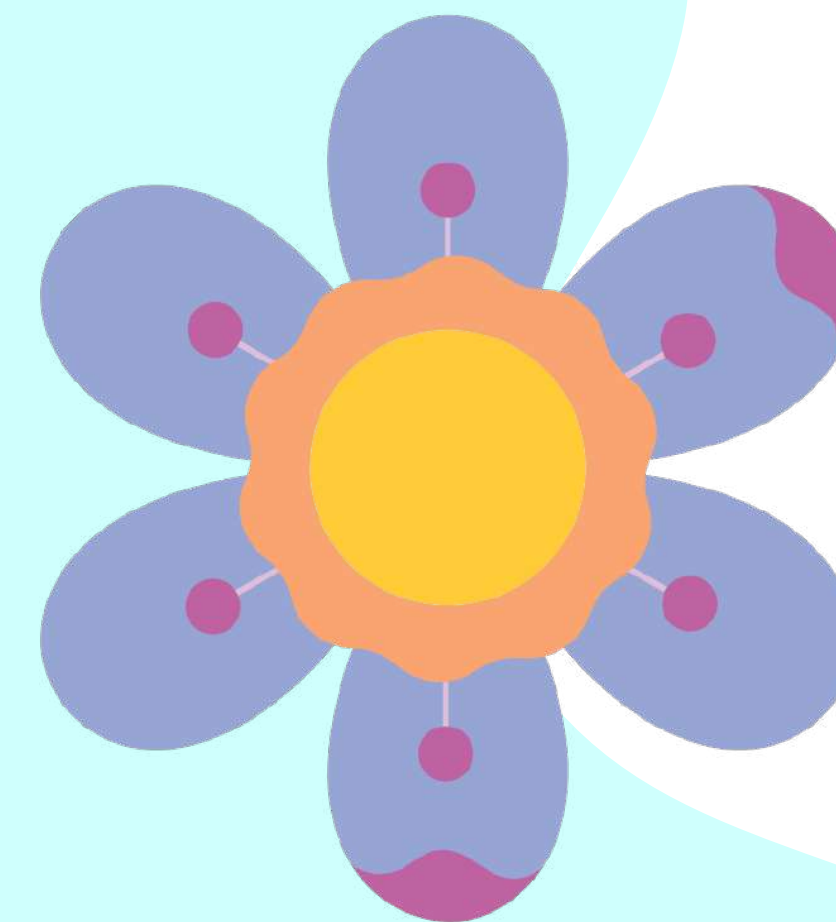
You can find my presentation deck here:

https://www.figma.com/file/4TuIo8QpUNaGXG5sNp2etn/
Capstone-3?node-id=152%3A9724

Appendix

You can see Capstone Part 2 here:

https://www.figma.com/file/1x6NNsC5GZVWB8GSTQdbPG/
Parmis_Meshgi_Capstone?node-id=123%3A1830

You can see Capstone Part 1 here:

https://www.figma.com/file/n5PCfMsMfuOG
Y5PJoXSztH/Parmis_Meshgi_CapstoneProp
osal?node-id=99%3A330

Thank you!

WOW! Did you read 92 pages? You deserve a nice cup of coffee