Part 2: Design Alternatives

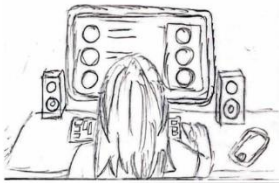**Scenario:**

Scenario 1: Sophia, a high school junior, needs a calculus tutor to improve her grades for college entrance exams. She finds it overwhelming to search online due to numerous listings, many of which are not local or lack detailed tutor information.
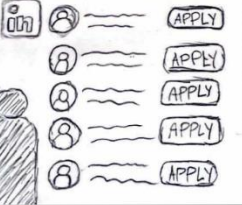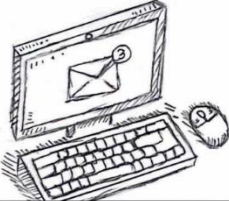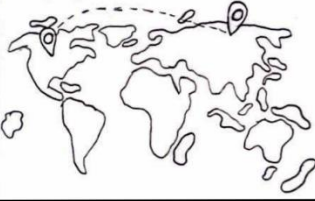
Scenario 2: Steven, a freelance chemistry tutor with a master's degree, is struggling to find students in his new city. Traditional advertising and social media have been ineffective, and he faces competition from numerous tutoring ads, often receiving inquiries from outside his commuting range.

Scenario 3: Laura is searching for a specialized tutor for her dyslexic daughter, Ella. Finding a local tutor with expertise in learning disabilities is challenging, as most options are either too far away or lack the necessary experience.

Storyboard (Based on Scenarios):

Narrator: This is Sophia and she is currently struggling with getting into a top university. She is currently struggling with calculus.	Sophia: Maybe I should look for a tutor online.	Narrator: But Sophia got overwhelm with the amount of tutors and it was all disorganized about the topic they taught.
Sophia: This tutor is really good but I want the learning to be more hands on than through online chat and calls only	Sophia: Can you teach me about chain rule? Person: I haven't touched on that topic	Narrator: At the end of the day, Sophia gave up and tried to do it herself but it wasn't enough

Scenario 1: Sophia

Narrator: Steven is a freelance chemistry tutor with a master's degree in chemistry.	Steven: New city, new job. I can't wait to find to start my career as a tutor before anything else	Narrator: But with overwhelming advertising methods and social media posts, Steven don't know where to begin to find a career to a new city.
Steven: I think linkedin is a perfect platform to start finding a job. But the amount of application form to submit can be exhausting and I just want to be a tutor.	Steven: Aha! I finally got a proper job that suits my needs.	Narrator: Nevertheless, he finds it difficult to distinguish out because to the overabundance of tutoring ads on public platforms, and a large portion of the queries he gets come from residents outside of his commute.

Scenario 2: Steven

Narrator: Laura is searching for a specialized tutor for her dyslexic daughter, Ella.	Narrator: Finding a local tutor with expertise in learning disabilities is challenging, as most options are either too far away or lack the necessary experience.	Ella: I mx up ltteers. Raeding is hrad. Tutor: Just keep practicing. Ella: It's not that esay. Ltteers jmuble in my haed
Elle: I tihnk I shuold seacrh on the itnrenet for tutros to hlpe me tceah.	Laura: I found the best tutor for my daughter but why does it have to cost this much?	Narrator: Most of the specialized tutors she finds online are either too far away or lack the necessary experience.

Scenario 3: Laura and Ella

Problem Statement:

- It is hard to find tutoring services at a local distance.

- It is difficult to advertise tutoring services at a broad platform.

- It is extremely difficult to find tutors that teach certain subjects.

Application Icon Size Comparison

36x36   48x48   72x72   144x144   192x192
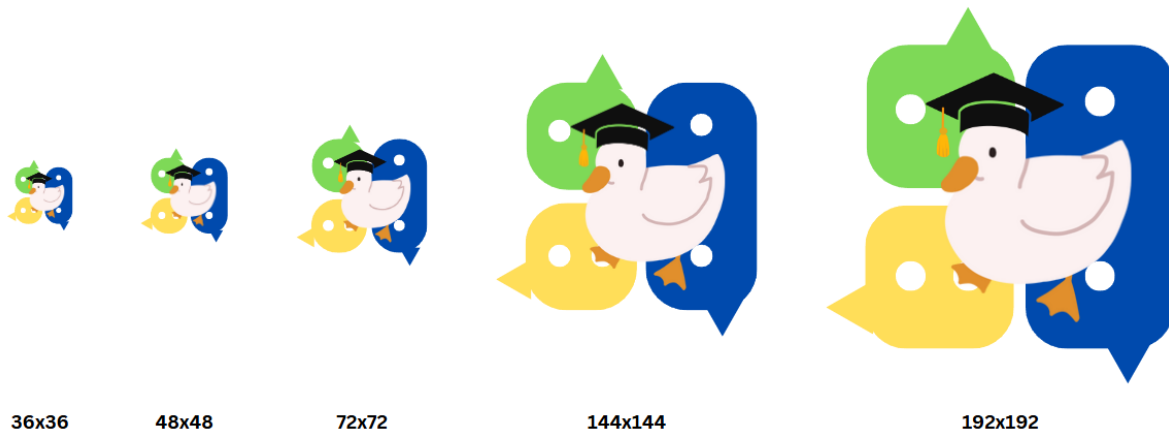
The figure above shows the different sizes of icons for the application. Its aspect ratio is constant. This is to show how the icon would look at different screen ratios.

Design

The StudyMatch application attempts to have a professional, friendly, and minimalist. The following subsections further explain the methodology of the application with means to achieve the said design objectives:

Color Palette

#f0caa4	#ed8772	#eeecdd	#87bcc7	#23596d

Figure 1. Main Color Palette

The color palette provided is the final palette used for the StudyMatch application. This palette aims to give a warm and professional impression to the users, while leaning

on a more "educational" aesthetic to it. For the uses of generic UI components, there will be a variation of this palette in shade to indicate different state of the component.

Font Style

**Figure 2. Quicksand Font by Andrew Paglinawan**

The designers have chosen *Quicksand* that was created by Andrew Paglinawan. This font is part of the Google Fonts archive, and it's one of the most popular fonts used for open-source projects. The reason why this font was used are because of its simple and minimalistic design while incorporating rounded elements to be easier on the eyes while attaining the aesthetic.

Base GUI Components

The designers will use custom UI components for both generic and niche uses for the app. This will have a "branded" and unique feel to it which associates the identity of the app. The designers will be incorporating the custom UI components to both the Figma and the main Application.

Sample Feature Flows

Both individuals would like to present an example of how various features that are present throughout the app work together. Depending on the survey's outcomes, these elements could vary.
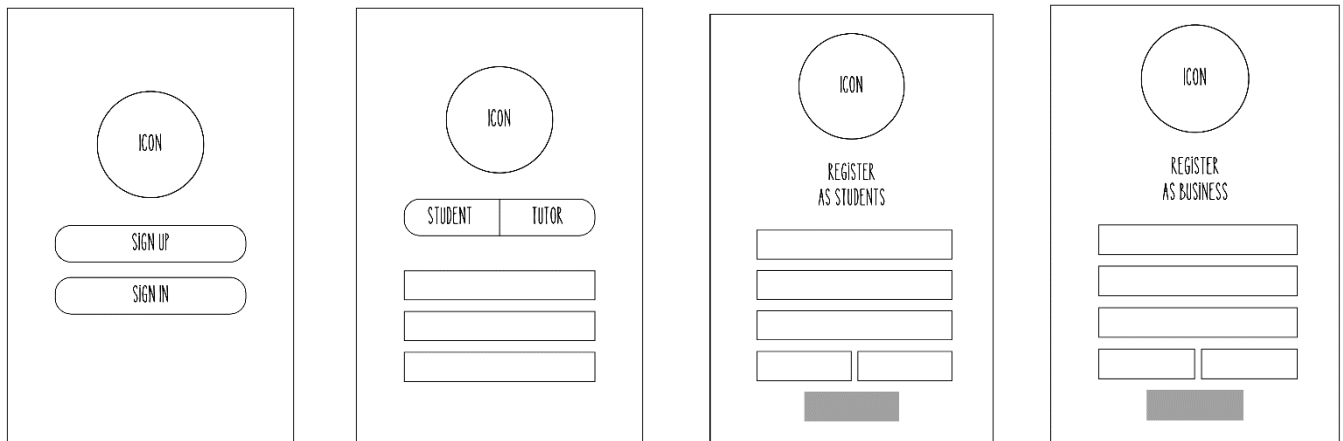
SAMPLE SIGN IN/SIGN UP PAGE: This flow showcases just how the tutor view and the student view start to differentiate. You can sign up as a student or a tutor in this part of the application.
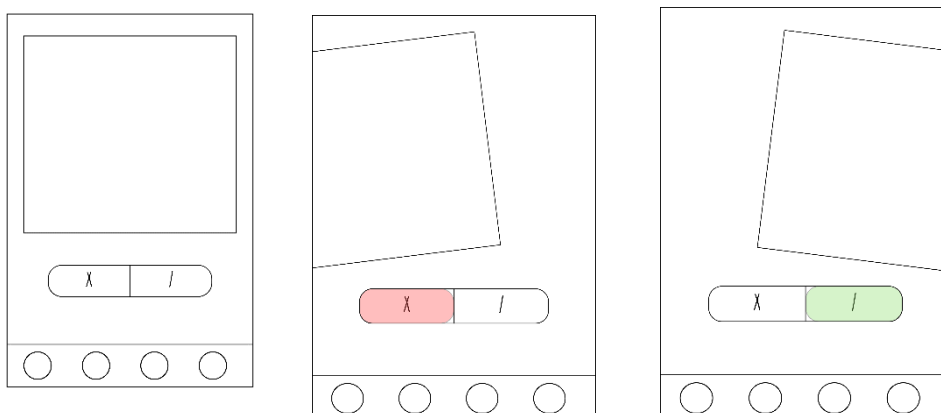
SAMPLE HOMEPAGE STUDENTS VIEW: This flow showcases how the students are given an opportunity to choice what tutor suited their needs in this way for easy way to identify.

Design Sketches and Alternatives

The following designs are design alternatives to certain sections of the application. This was the result during the sketching stage of the application, and it came down into two options that will be shown below.

Icon Style Logo

The main graphics in the two images above feature two distinct designs. In essence, the icon will either fill the screen or be enclosed in a circle.
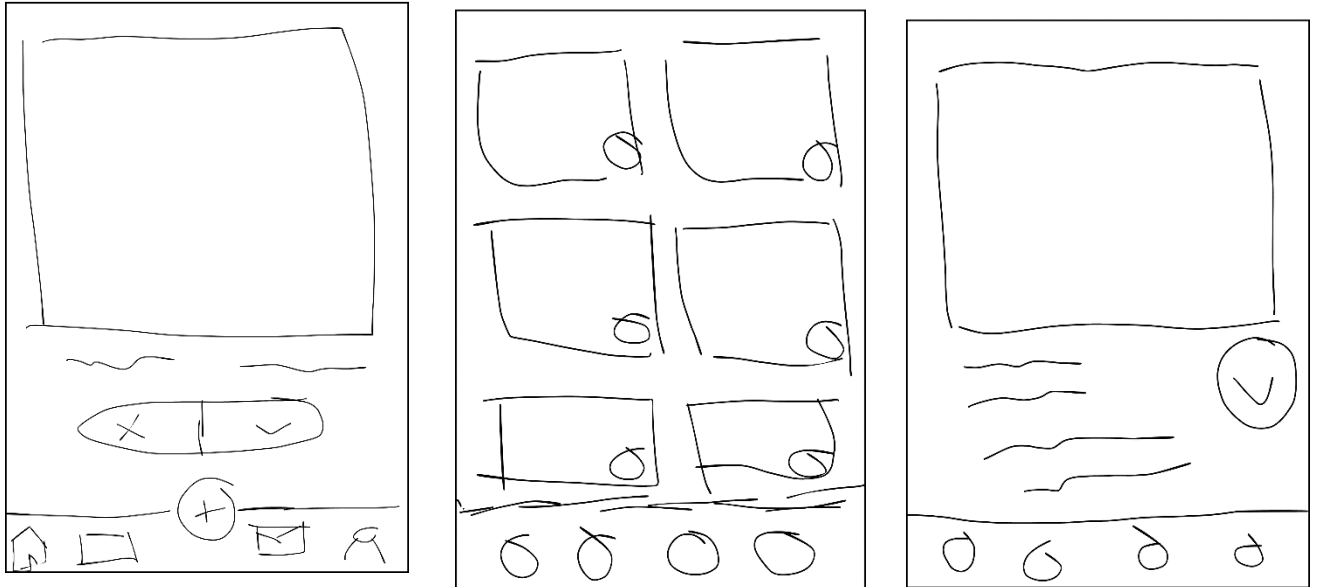
Homepage Menu Style

Three distinct menu screen designs are shown in the design sketches above. The group is still debating the best course of action for the Menus. Basically, it's about using big thumbnails or listing them.

Navigation Drawer Style

The navigation drawer in the final prototype may appear like the three (3) concepts shown above. These designs are essentially an attempt by the pair to convey a modern, minimalistic feel to the app.

Mock-up/Prototype

The following figures are the mock-up/prototype of the application. This is in no way the final design of the application but acts as the base design and foundation of the application. This section does not include the final features (with known additional features), but rather the base features of the application.

Splash View	Sign-in View	Chat View
Splash View	**Sign-in View**	**Chat View**
The splash view, otherwise known as the splash screen, is a loading screen for launching an application. This will be displayed for 1-2 seconds.	This view is responsible for user authentication for a personalized experience. And also, a launching site for the registration view and the menu view.	This view is responsible for client-business communication. It's a standardized view that will be used for both the client and tutors.

Table 1. General View

REGISTER
AS STUDENT

Full Name

Contact Number

Email

| Day | Month | Year |

✕ I consent to the information provided in accordance with the Privacy Policy and Terms and Conditions while acknowledging that the information provided is true.

REGISTER

Registration – Client View

This view enables the client to create their own account classified as a student in order to access the student-based features with personalized experience.

CURRENT TUTORS

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

FIND TUTOR   SETTINGS

Menu – Client View

This is the general view of the clients. They will essentially see any past or previous interactions with tutors that have been deemed interesting by the client.

STUDENT SETTINGS

SETTINGS
FIND THE TUTORS YOU NEED

Tutor Maximum Distance (km)

Specialization   ▼

Price Range

CANCEL   SAVE

Client – Setup View

This is the view to cater to the configuration settings of the search algorithm responsible for finding tutors in the local area. This settings exist in order to further cater the personalized experience of the user.

BACK TUTORS

REJECT INTERESTED

LOCATION:

This is the client view for finding their preferred tutor based on the search algorithm of the app. The client either rejects or take an interest to a tutor's services.

Client Find View - Setup View

Table 2. Client View

REGISTER
AS BUSINESS

Full Name

Business Name

Contact Number

Email

| Day | Month | Year |

I consent to the information provided in accordance with the Privacy Policy and Terms and Conditions while acknowledging that the information provided is true.

REGISTER

CURRENT CLIENTS

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

Tutor Name
Specialization: XYZ
Located At: XYZ

FIND TUTOR   SETTINGS

BUSINESS SETTINGS

SETTINGS
LET STUDENTS FIND YOU

Location

Specialization   ▼

Price Range

CANCEL   SAVE

Registration - Business View

This view enables the tutor to create their own account

Menu – Business View

This is the general view of the tutor. They will see their current and past

Business – Setup View

This is the view to the configuration settings of the business account in aid of

classified as a business account in order to access the business-based features.	interactions with their clients, especially good for future arrangements.	the search algorithm in order to be found by potential clients.

Table 3. Business View

Additional Features

      The additional feature of this app pertains to the user experience of making their endeavors more simple. The first is a simple navigation system that shows where they are and where's their chosen tutor is. The second is a centralized payment system where both the tutor and student can pay within the app. And the third is a simple rating system. The following table shows how these features are integrated to the app.
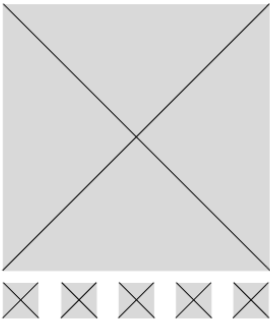

Table 4. Additional Features