



NGU ARTSTOCK

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Agenda

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1. Project Overview

Objective:

Develop a mobile app that manages & orders art supplies for NGU Fine Arts students and staff weekly through a collaboration with Alwan and Samir & Aly.

Why this project?

- Students often struggle to find art supplies, visiting multiple bookstores or traveling long distances.
- Large bookstores aren't easily accessible for many, causing delays and frustration.
- The app will save time, reduce hassle, and ensure all supplies are organized, approved, and delivered to campus weekly.
- This improves convenience, focus, and learning efficiency.

2. Stakeholders

Primary Stakeholders:

- NGU Fine Arts Department (Doctors and TAs)

Provide input, validate app requirements, and approve final product.

Supporting Stakeholders:

- Students

End-users who will place and track supply requests.

- Partner Bookstores (Alwan, Samir & Aly)

Supply and deliver materials to NGU weekly.



3. Requirement Gathering

We distributed a stakeholder survey (for students & staff) to collect needs and preferences.

Sample Requirements Gathered:

- Both students & staff can approve and finalize orders.
- Orders must be collected from students and delivered once per week.
- Notifications are needed for order confirmation and delivery.

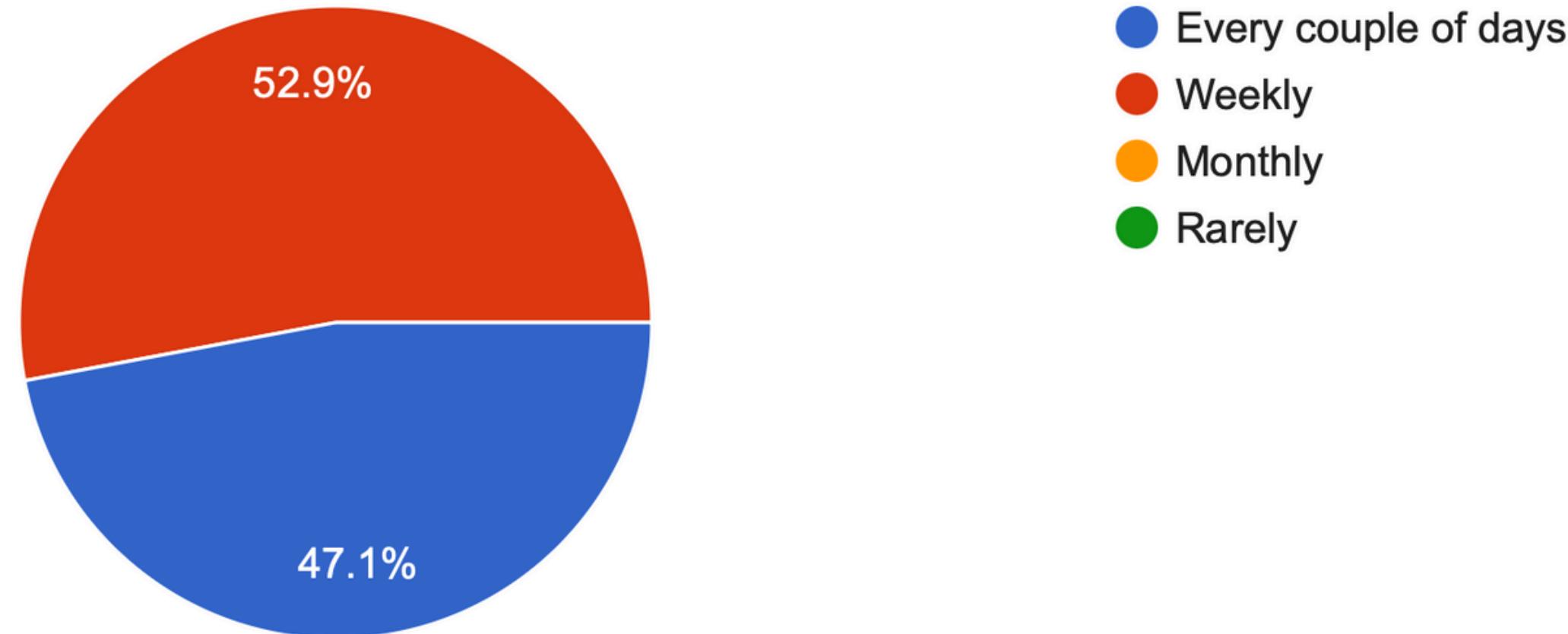
[Here's the link for the Google Form responses.](#)



Feedback Samples

2. How often do you need to go buy art supplies?

17 responses

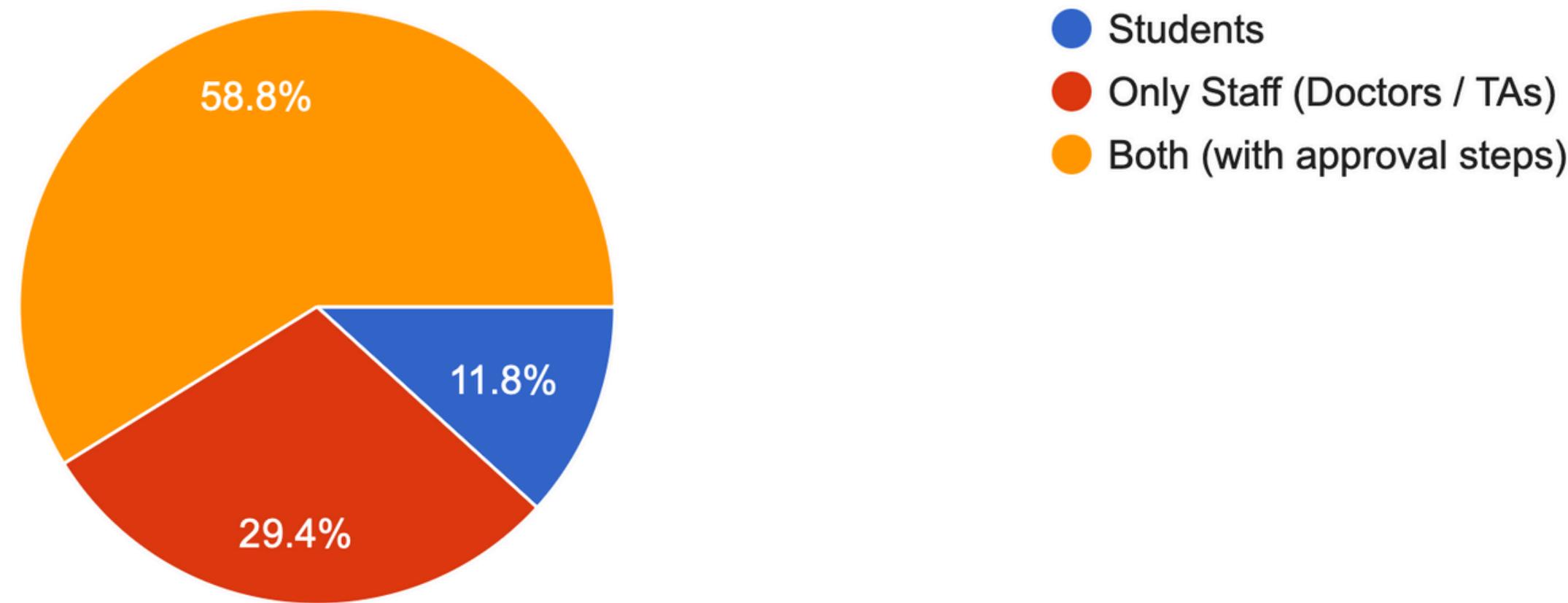


From this pie chart we concluded its best to deliver supplies weekly, as 52.9% of students answered.

Feedback Samples

5. Who should be allowed to submit supply orders?

17 responses

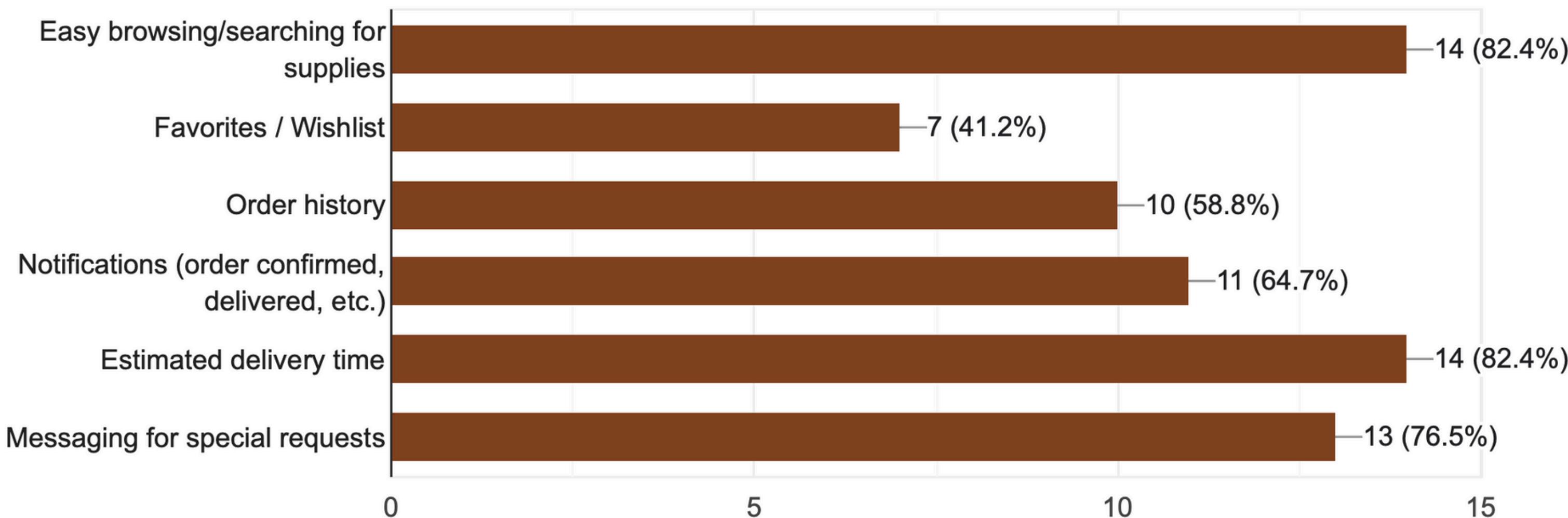


According to the students' needs, both students & staff will be able to submit supply orders

Feedback Samples

7. Which features would you find most helpful? (Select all that apply)

17 responses



Features such as supply browsing, delivery updates, & special requests messaging will be given the highest priority to implement.

4. Primary Features

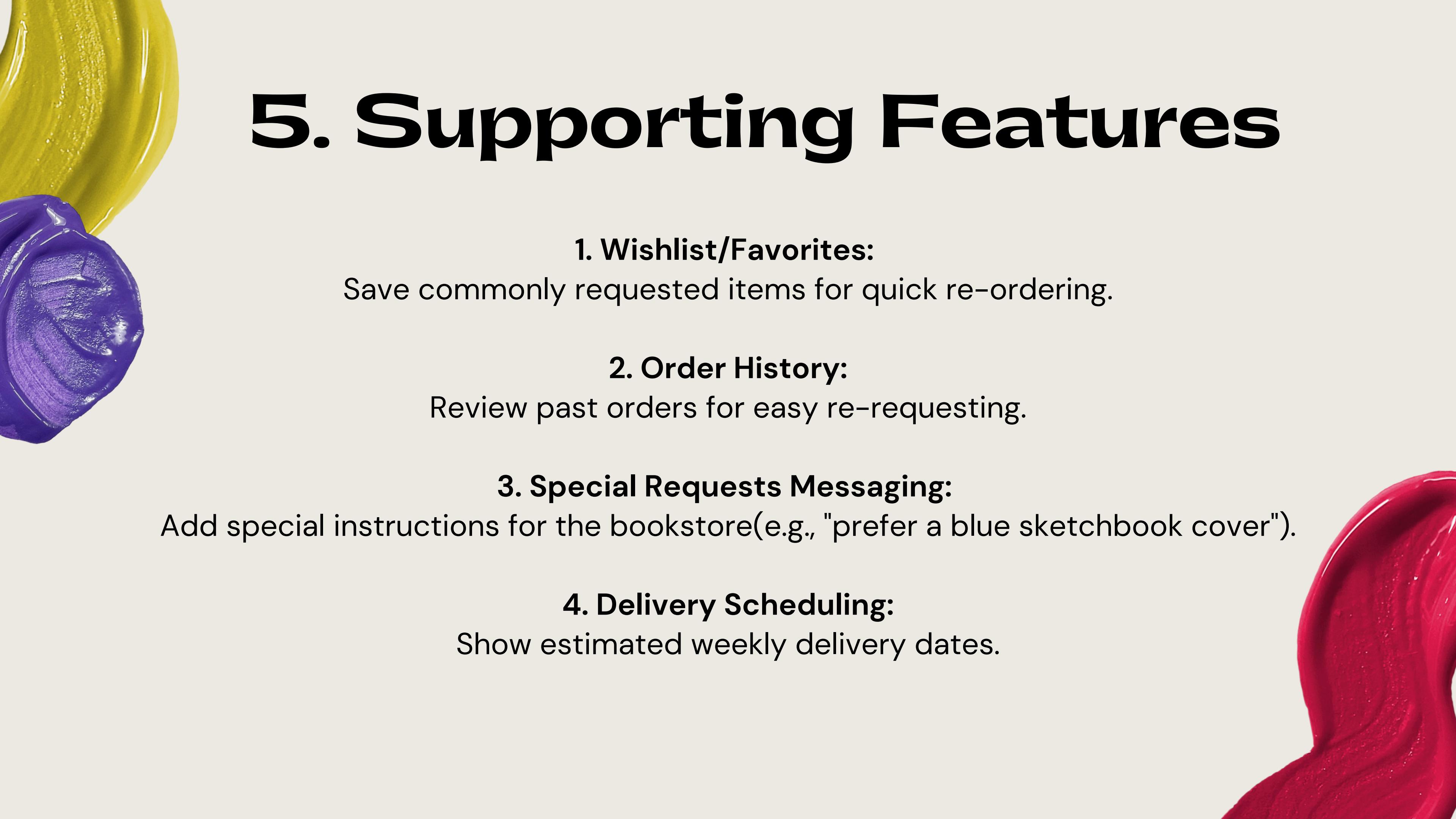
1. Browsing & Selection of Supplies

Users can easily search and browse art materials categorized by type.

2. Ordering System

Students can freely create a 'cart' to purchase any needed art supplies, or Staff members (Doctors/TAs) can remotely add products to their students' carts.





5. Supporting Features

1. Wishlist/Favorites:

Save commonly requested items for quick re-ordering.

2. Order History:

Review past orders for easy re-requesting.

3. Special Requests Messaging:

Add special instructions for the bookstore(e.g., "prefer a blue sketchbook cover").

4. Delivery Scheduling:

Show estimated weekly delivery dates.

6. Technical Requirements

App Platform:

- Cross-platform mobile app (built with Flutter).

Database:

- Supabase server for managing orders and inventory.

Authentication:

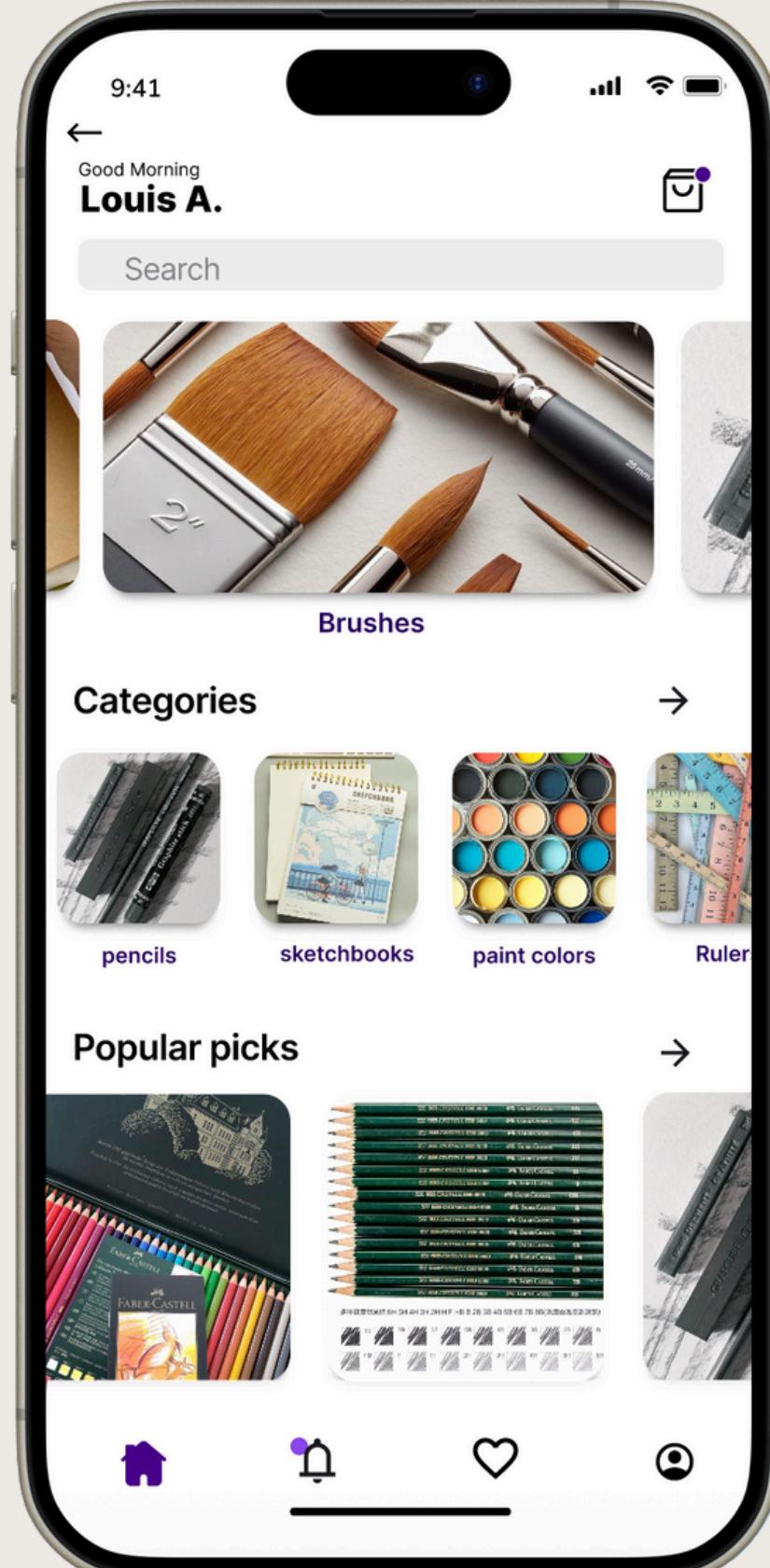
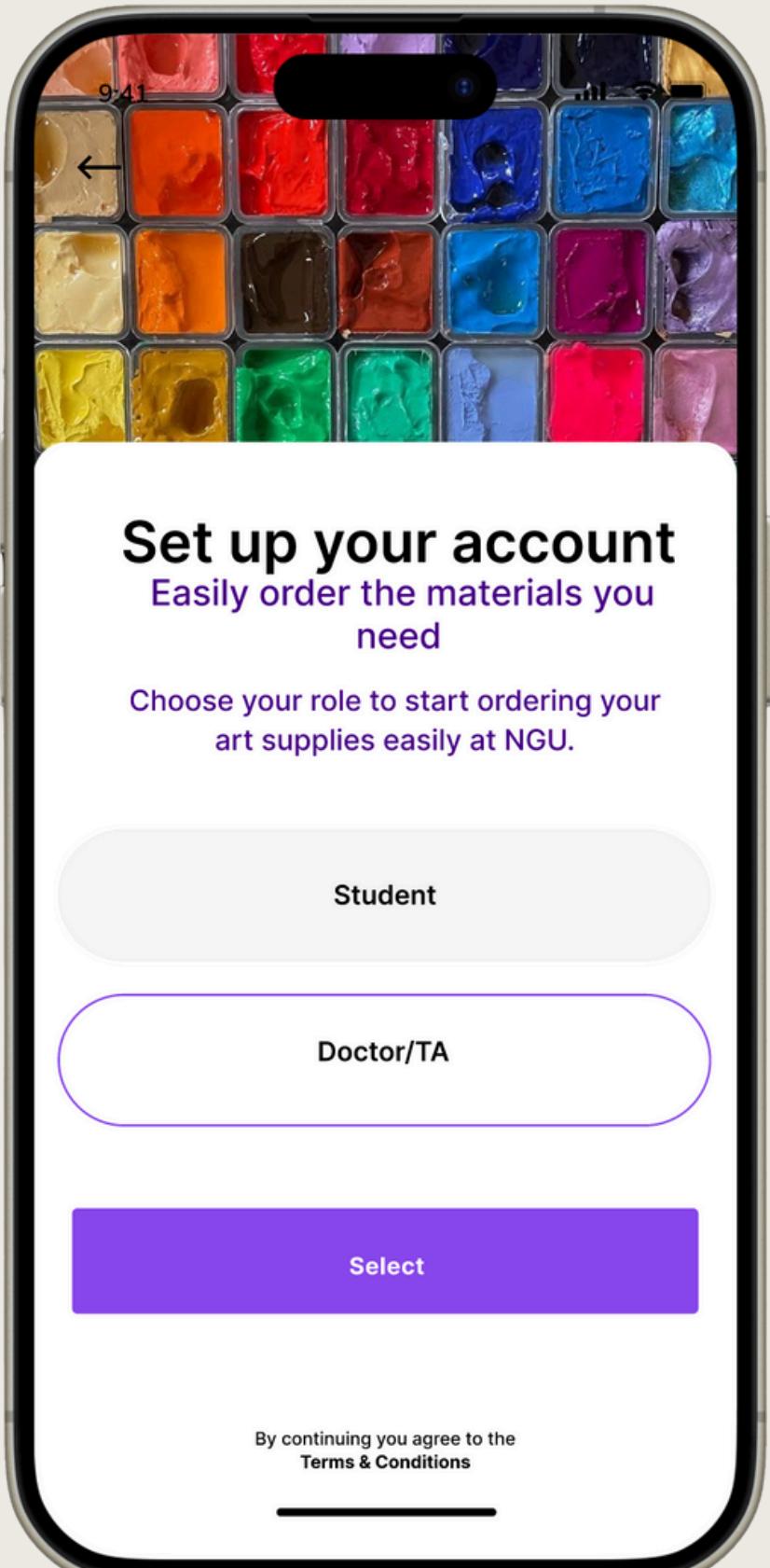
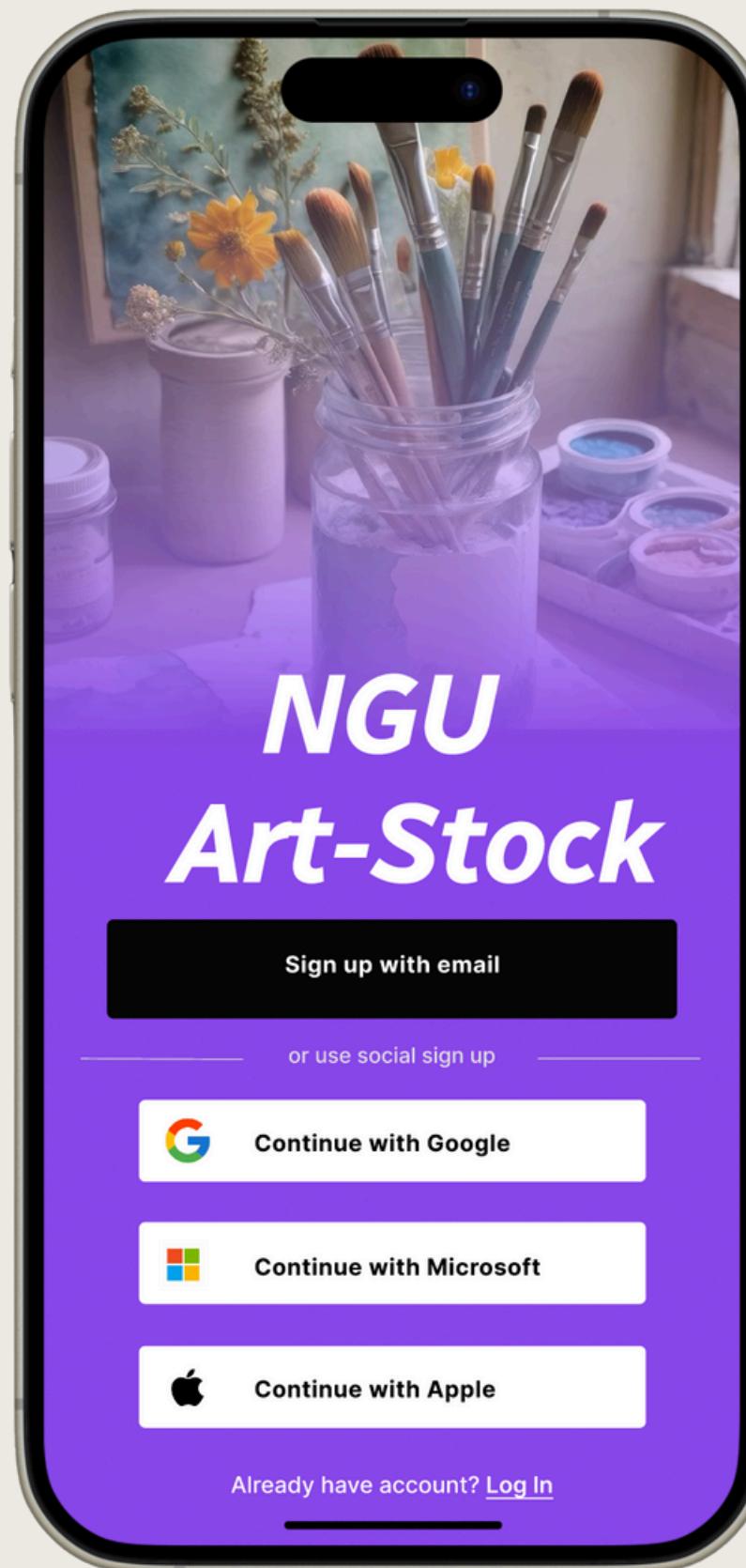
- Secure login system integrated with NGU accounts or Google authentication.

Integration:

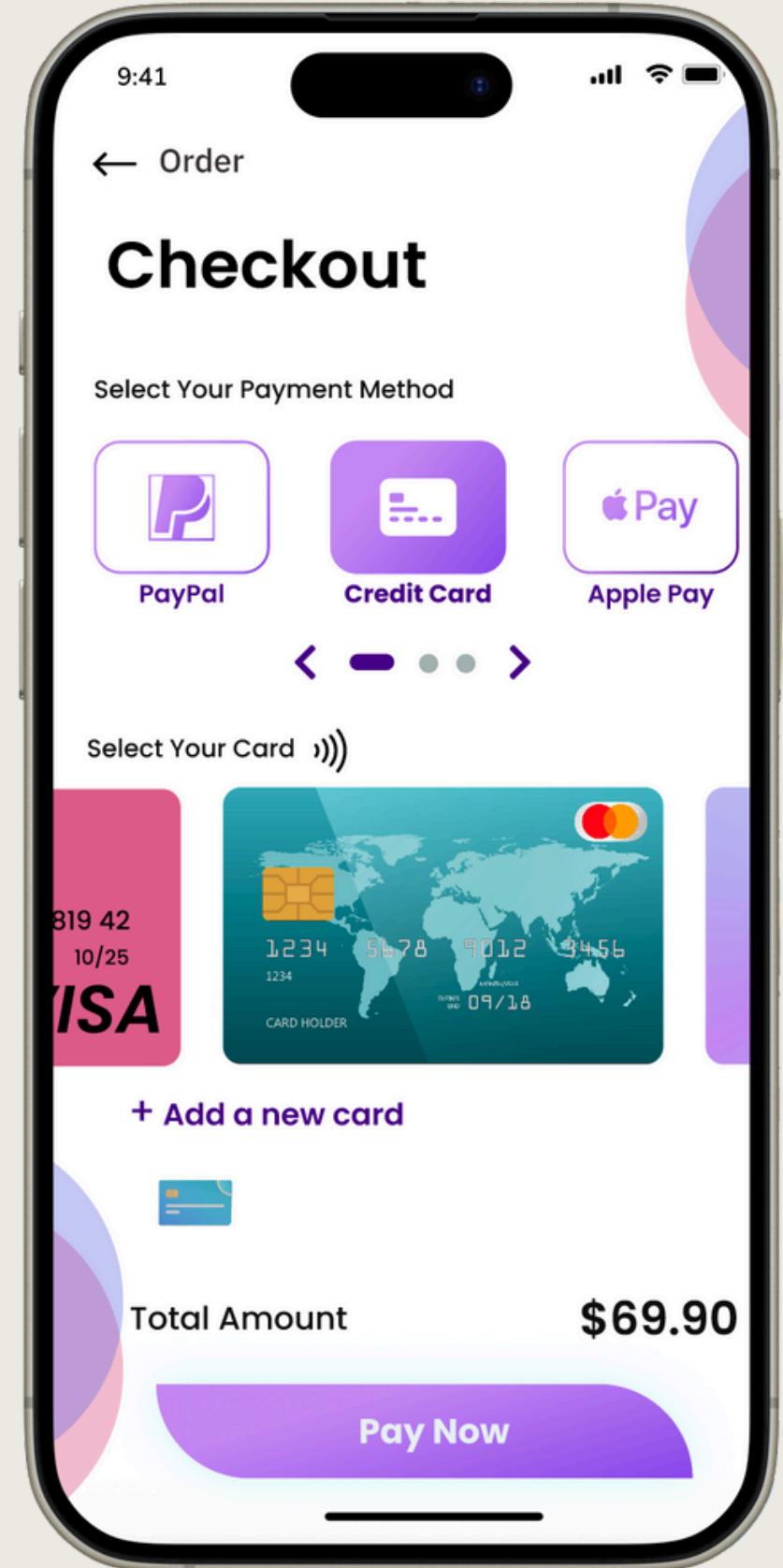
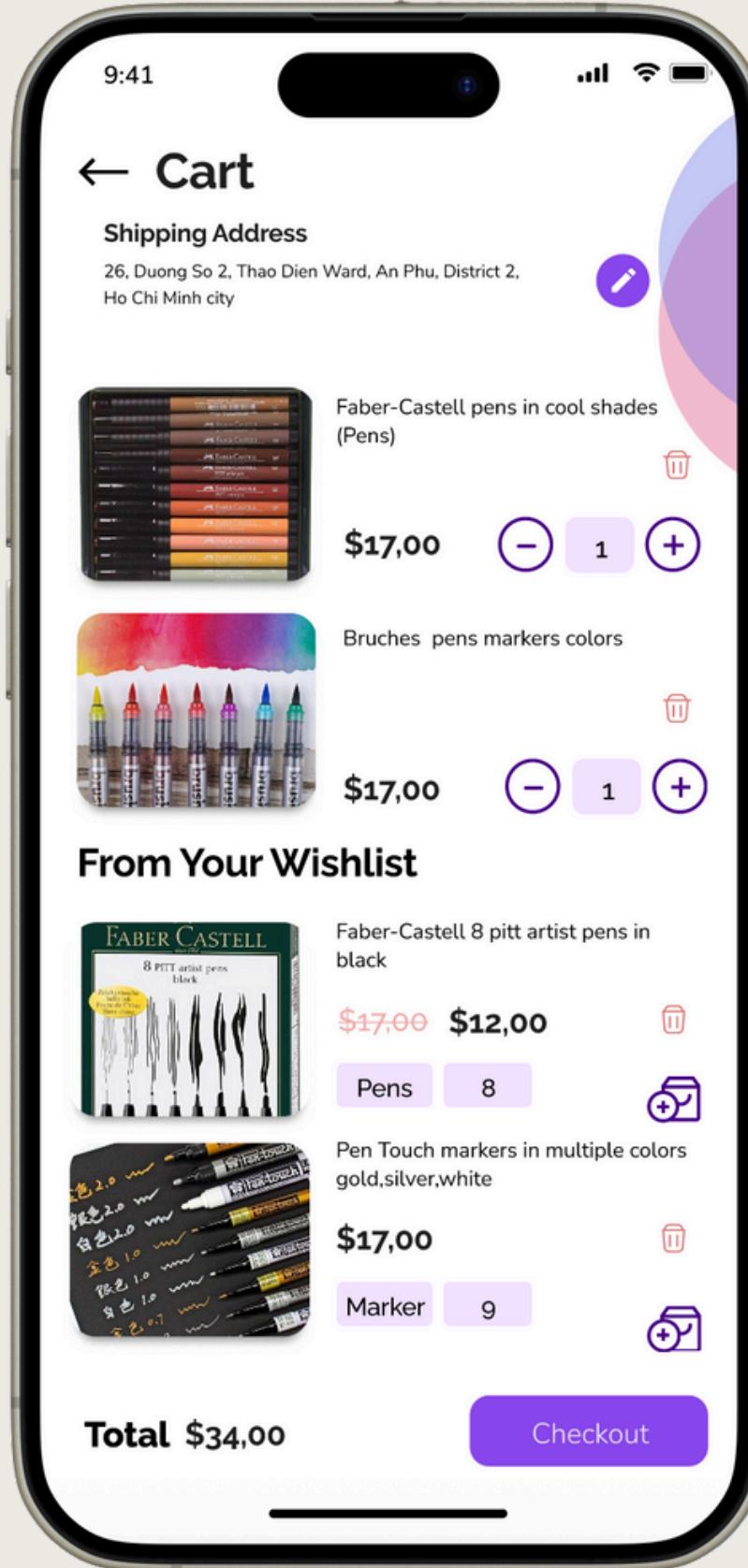
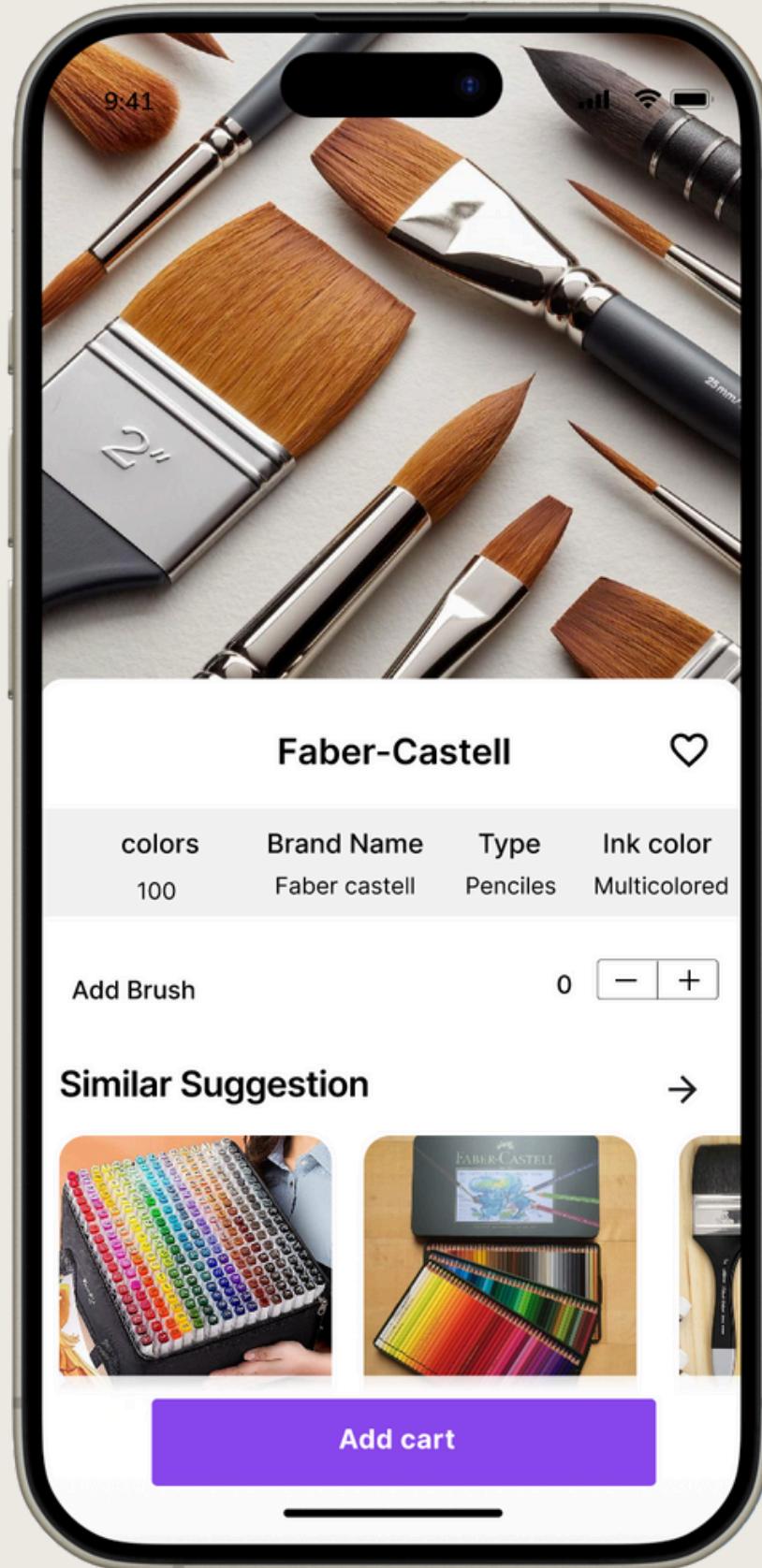
- Admin portal for TAs/Doctors to approve, reject, or modify student orders.



7. System UI



7. System UI





Thank You