StudyBuddy App Proposal

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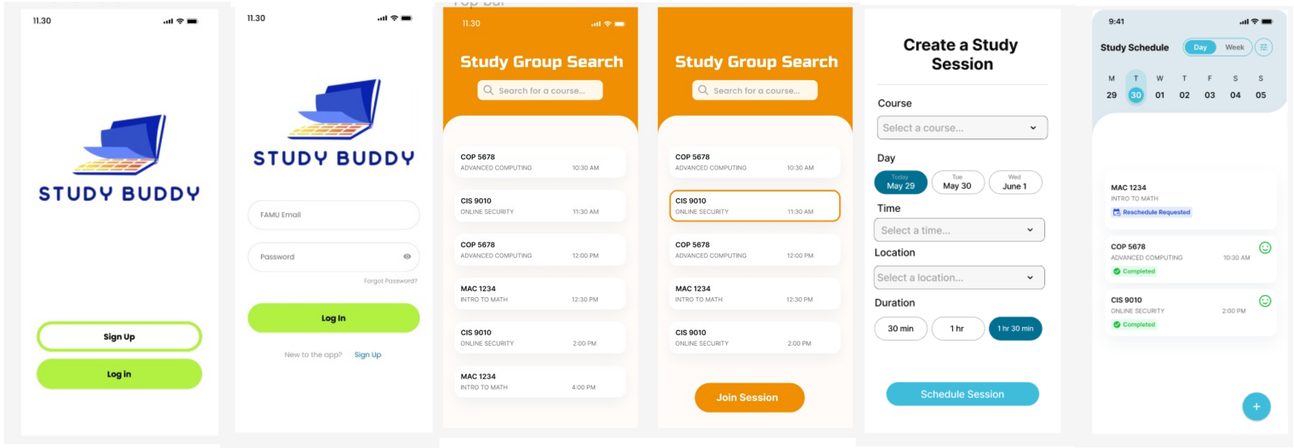
INTRODUCTION

The Study Group Matching App is a mobile application designed to help college students easily find and form study groups based on their enrolled courses, schedules, and preferred meeting locations on campus. The app will utilize advanced algorithms to match students with similar academic needs, fostering a collaborative learning environment.

TECHNOLOGY

APIs function as links between various software applications. They facilitate communication, allowing for product collaboration and information sharing. Product managers may rapidly add new product features by using APIs. A type of API would be used for StudyBuddy based is based on scheduling. Services that specialize in scheduling are things such as Picktime, SimplyBook.me, Calendly, and Clara. Another API service that might be beneficial and helpful to StudyBuddy is a service chat feature. Online services with built-in chat features are things like Signal, WhatsApp, TextNow, and even Google Voice.

WIREFRAMES



PROCESS

We began by conducting research to understand the needs of students when it comes to studying and collaborating. This involved casual interviews and market analysis to gather information. Based on the research findings, we identified a key feature that would address the needs of students effectively: creating and facilitating tailored study groups for students.

Following this, we developed different diagrams to map out the flow of data and interactions within the StudyBuddy application. These diagrams provided a visual representation of how information moves between different components of the system, helping us to identify potential redundancies and areas for optimization. We then moved on to creating wireframes and prototypes to visualize the user interface and user experience of the application. This allowed us to iterate on the design and gather feedback from potential users. For future work, we plan on continuing to execute our app idea through development and testing.

CONCLUSION

In summary, StudyBuddy reflects thorough research, user-focused design, and the application of strong design patterns in information systems. By addressing students' needs and offering a platform for collaborative learning, StudyBuddy seeks to boost academic success and build a sense of community. Through ongoing development and feedback, we've designed a tool that meets students' needs and evolves with them. Moving forward, our commitment is to enhance the StudyBuddy experience and support students on their educational paths.

REFERENCES

Weimer, M. (2018, May 16). *The Benefits of Study Groups*. Faculty Focus. Retrieved January 26, 2024, from https://www.facultyfocus.com/articles/course-design-ideas/what-students-can- learn-from-studying-together/

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