

Study Buddy

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CSCI 436- Technology For Social Good with Shameem Ahmed



Why Study Buddy?

Study Buddy helps students build a study habit that doesn't depend on an app. We help students set study goals and watch as they are achieved. We want students to discover a habit that works for them, and isn't dictated by an app. Additionally we help them stay on top of their work by letting them schedule tests, due dates, and future study sessions. Study Buddy is a research backed solution to combat chronic procrastination.

Our System

- Welcome screen into app
- Calendar showing current and upcoming events and goals
- New Event page allowing users to add new events in the future
- Time To Study screen which permits users to have a timer to help them stay on task while studying.
- Home screen to easily switch between all other pages
- Home screen quote which inspires users with some words of wisdom

Design Process

- Used Figma to create low fidelity prototypes
- Interviewed WWU students to find what motivates them to study
- Researched habit creation techniques and effective reinforcement strategies
- Used principles of Information and Communications Technology to identify a solution to widespread procrastination
- Participatory design engaged students with their own learning

Implementation

- iOS and Android development with **React Native** in **JavaScript**
- Utilized **JSX** and **CSS** to create app pages
- Testing and deployment done with **Expo**
- Used the **native calendar** application to plan events

Initial User Advice

- Positive reinforcement keeps students engaged
- Tangible progress milestones
- Helpful to see most effective studying locations
- Helpful to see upcoming events

Future Plans and Limitations

- A reward for studying such as stickers or streaks
- Study reminder notifications
- Display events on app's calendar
- Can only plan simple events
- Not using a remote database to store information

Subjects in the Survey: College Students aged 18-22 from a variety of Universities and Majors. 4 Total Participants were surveyed.

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