Team Rojer

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Overview

StudyBuddy is an app designed to facilitate collaborative learning among students. It connects users with peers who are studying the same subjects or courses, enabling them to form study groups, share notes, and participate in joint study sessions. The app includes features like a virtual whiteboard for collaborative problem-solving, a scheduling tool to arrange study sessions, and a chat function for real-time communication. Additionally, StudyBuddy offers resources such as flashcards, and quizzes. By fostering a supportive learning environment, StudyBuddy aims to enhance academic performance and make studying more engaging and effective.

Solving the Problem:

StudyBuddy addresses the problem of isolated and ineffective studying by creating a collaborative and interactive learning environment. Many students struggle with motivation, understanding complex concepts, or finding reliable study partners. StudyBuddy connects students with peers who share similar academic goals and subjects, making it easier to form productive study groups. The app's features, such as shared notes, virtual whiteboards, and real-time chat, facilitate efficient knowledge exchange and problem-solving. Additionally, by offering access to interactive learning resources, StudyBuddy ensures that students receive the support they need, ultimately enhancing their comprehension and academic performance.

The Application:

Application Name: StudyBuddy

What It Is: A collaborative learning app for students.

Features:

* Connects students studying the same subjects
* Forms study groups
* Shared notes and resources
* Virtual whiteboard for problem-solving
* Scheduling tool for study sessions
* Real-time chat for communication
* Flashcards and quizzes

Questions about the Application:

* Who are the potential users?
  + College and high school students.
* What tasks do they seek to perform?
  + Form study groups, share notes, schedule study sessions, communicate in real-time, and access learning resources.
* What functionality should any system provide to these users?
  + User connectivity, resource sharing, virtual collaboration tools, scheduling, communication features, and access to academic support.
* What constraints will be placed on your eventual design?
  + Ensuring privacy and security of user data, providing a user-friendly interface, and maintaining reliable performance across various devices.

**What criteria should be used to judge if your design is a success or not?**

* **User Adoption:** Measure the number of active users and frequency of app usage.
* **Impact on Learning:** Evaluate if users show improved academic performance or comprehension.
* **User Feedback**: Assess satisfaction through surveys and ratings regarding usability and effectiveness.