**StudySync: A React Native Study Planner for Academic Task Management and Productivity**

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**Abstract**

The project aims to develop StudySync, a mobile app that will assist students in keeping study routines and assignments in check. Developed with React Native, the app will cater to significant course material like component-based design, React Navigation library for navigating through it, data handling, and storing it in AsyncStorage. StudySync will implement the entire CRUD process for tasks by which users can add, read, edit, and delete study activity. The app shall provide a straightforward UI, a dashboard of near-future and day-based tasks, and a graphical progress monitor to motivate members. Two of the three members shall create one central app feature that displays equality of work collaboration. GitHub Codespaces will be used to manage project builds, and activity contributed by each team member will be tracked and logged in MEETINGS.md. Deliverables include the mobile app, a final report, presentation slides, and a short demo video.

**Keywords:** React Native, Study Planner, Mobile App, Academic Productivity, Task Management, CRUD Operations, AsyncStorage, Navigation, Components, UI/UX

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