Final Project Proposal Summary – Book Exchange Platform

Group Number: 9

Group Members:

Muzammil Naeem(2280174)

Ahsan Mohsin(2280120)

Basim Khan(2280107)

Muhammad Ali(2380119)

Problem the Project Solves

Every semester, students purchase textbooks and other academic materials that they only use for a limited time. Once the semester ends, these books often go unused and gather dust. Meanwhile, other students struggle to find affordable copies of the same books. There is no proper system that connects students who want to sell or exchange books with those who need them. Many rely on social media or word of mouth, which is time-consuming and unreliable. Our Book Exchange Platform aims to solve this by providing a simple and reliable mobile app where students can list, find, and exchange books easily. It helps promote a culture of sharing, reduces waste, and makes educational resources more accessible for everyone

Functional Requirements (What Users Can Do)

- Add books they want to sell or exchange.

- Search and filter books by name, author, or category.

- Chat instantly with interested users.

- Mark books as favorite to view later.

- Sign in to manage their profile and listings

Non-Functional Requirements (Technical Features)

- App built using Flutter with clean and simple design.

- Used Bloc for better structure and smooth performance.

- Basic unit tests included to check if features work correctly.

- App layout and UI made using Material Design for a modern look.