

Web Technology Mini Project

SEM: 3

Team Name: AURA++

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PES Connect – Unified Student Platform

1. Overview:

- PES Connect is an all-in-one web application designed exclusively for the students of PES University.
- It combines the most useful features of popular platforms like WhatsApp, Discord, Reddit, and a student resell marketplace, bringing everything into a single, seamless experience.

2. Objective:

- To create a centralized digital ecosystem that enhances communication, collaboration, community engagement, and student convenience within PES University.

3. Key Features:

A. Chat & Messaging (Inspired by WhatsApp):

- One-on-one and group chats with end-to-end encryption
- Media sharing (images, documents, voice notes)
- Status updates and notifications
- Seamless integration with PES student IDs

B. Community & Collaboration (Inspired by Discord):

- Create and join servers/clubs (e.g., coding clubs, departments, fests)
- Text and voice channels for real-time communication
- Role-based permissions for moderators and members
- Event announcements and activity scheduling

C. Discussion & Knowledge Sharing (Inspired by Reddit):

- Create topic-based forums for discussions
- Upvote/downvote system for quality content
- Tagging and filtering for specific topics (academics, placements, etc.)
- Anonymous posting for open sharing

D. Resell & Exchange Platform:

- A dedicated marketplace for students to **buy, sell, or exchange** items (books, electronics, hostel supplies, etc.)
- Verified student profiles for safe transactions
- Product listing with images and descriptions
- Chat feature between buyers and sellers

4. Target Audience:

- Students of PES University (all campuses and departments)
- Clubs, organizations, and event coordinators within the university

7. Future Enhancements:

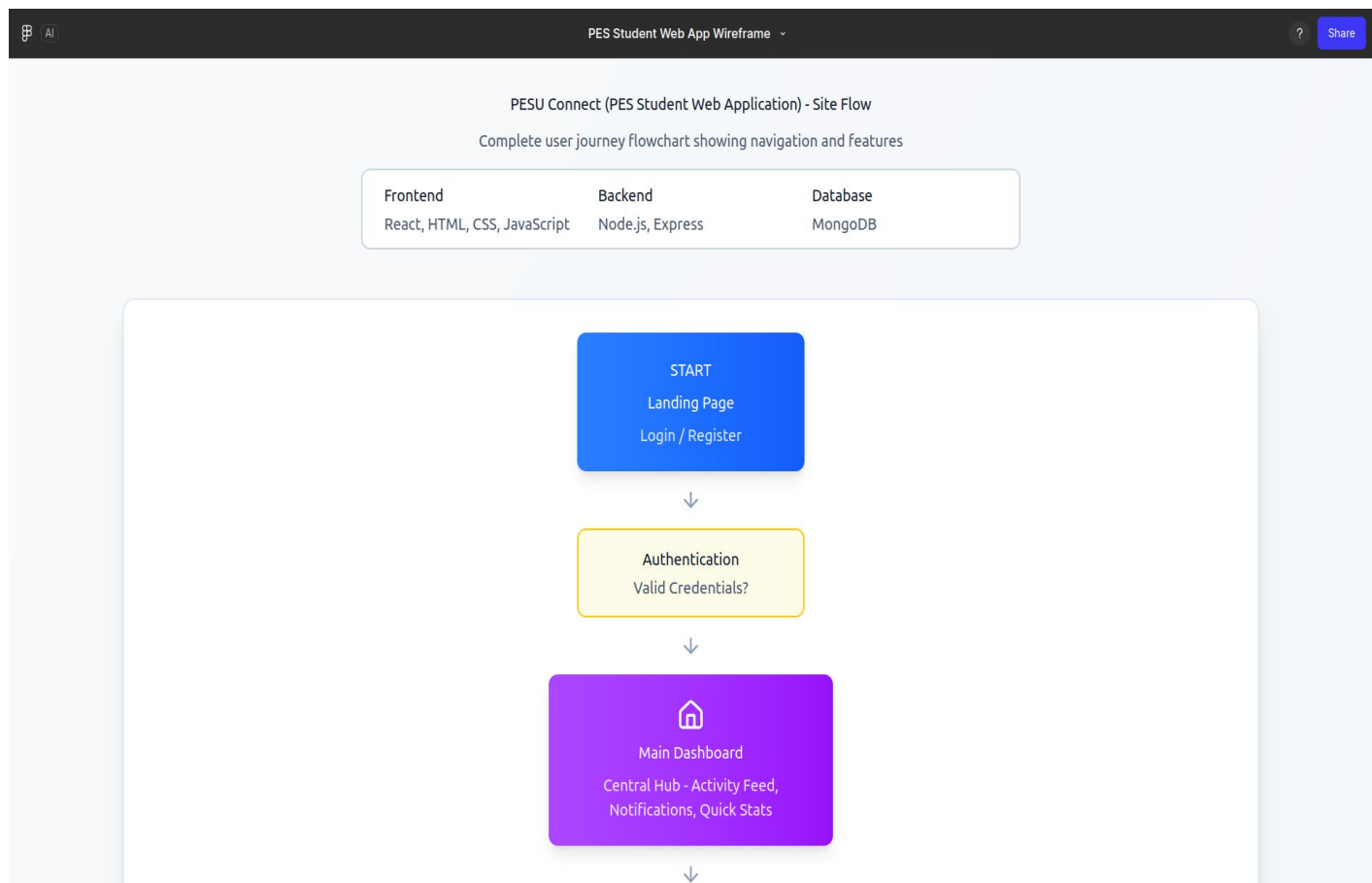
- Integration with university announcements and timetables
- AI-powered study groups and content recommendations
- Verified internship and project listings within the community

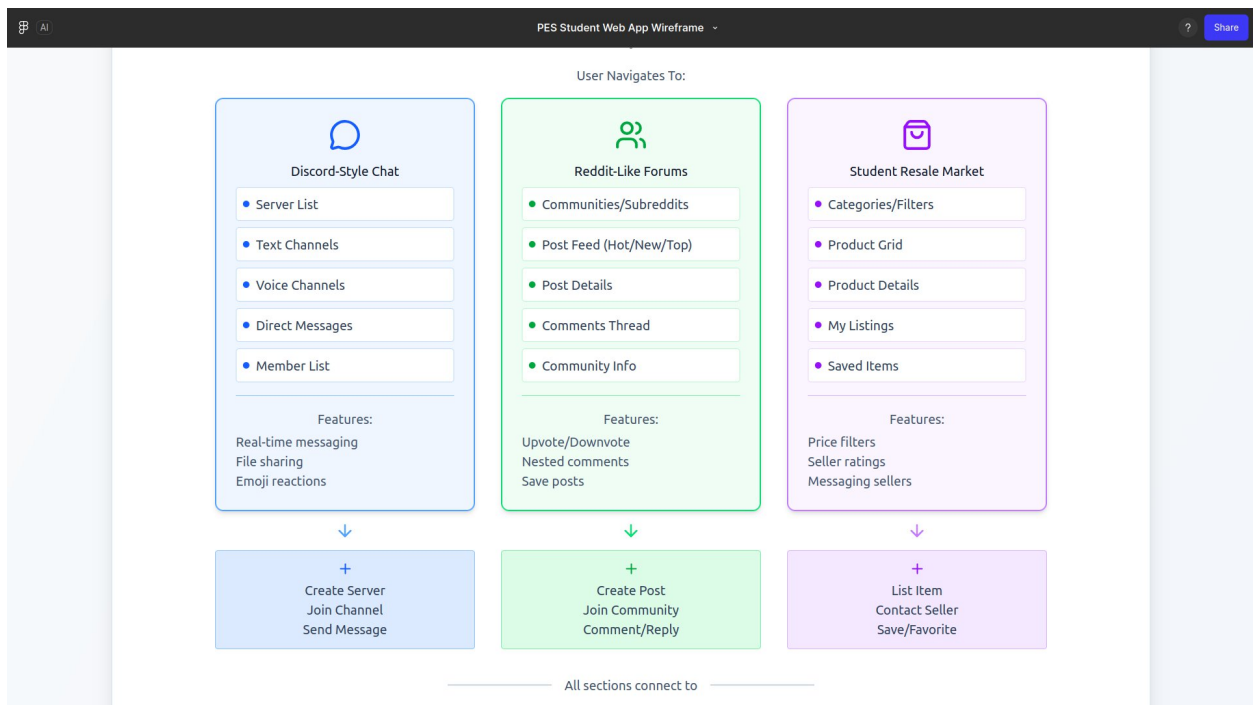
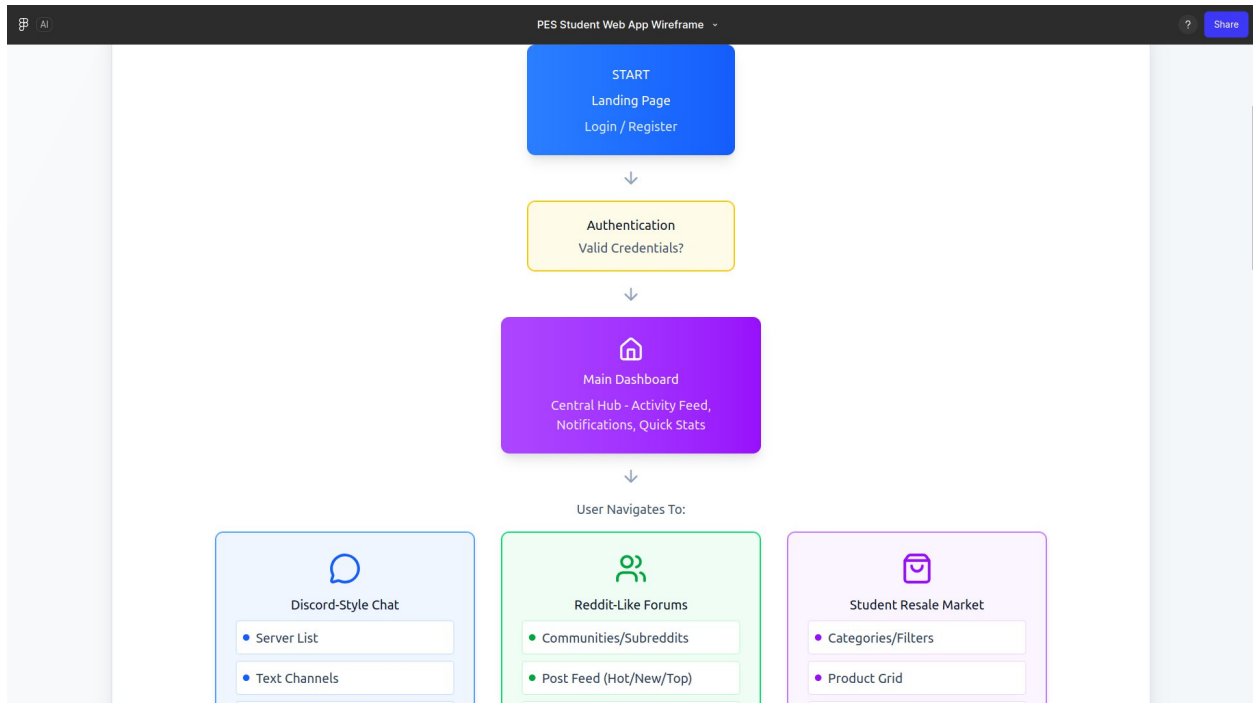
7. Conclusion

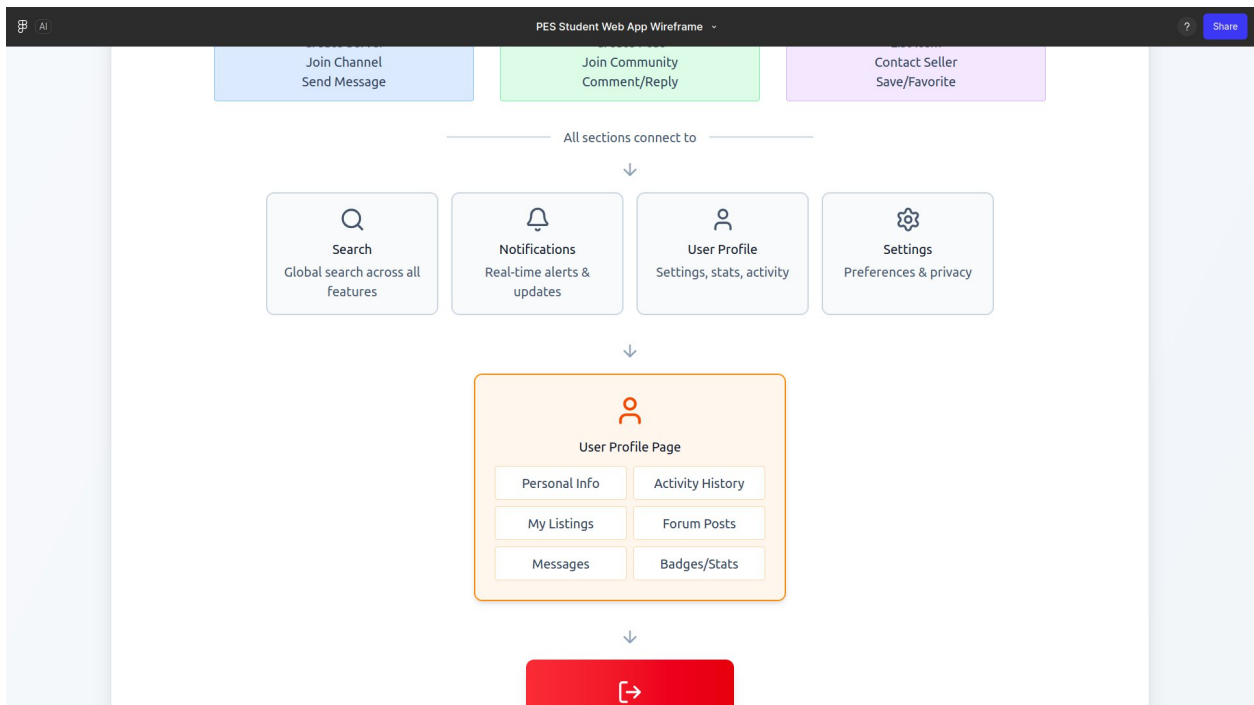
PES Connect aims to be the **digital home** for every PES student — a space to connect, collaborate, share knowledge, and support one another.

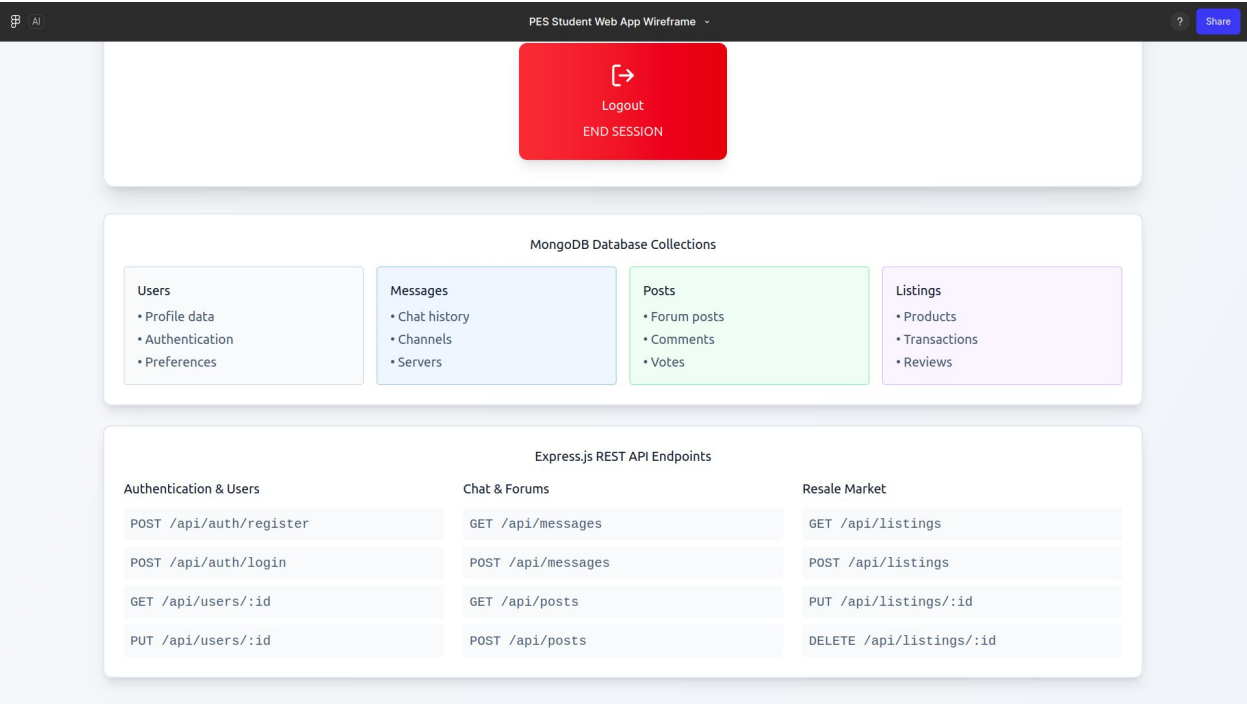
WireFrame

Public link: <https://www.figma.com/make/V8tL5xZoY5hsl5SH6qNZjK/PES-Student-Web-App-Wireframe?fullscreen=1>









THE END