Project Proposal

Project Title : FindJ

Objective:

The objective of this project was to develop a mobile application using React Native and Expo that facilitates job seekers in finding suitable job opportunities. The app aims to provide a user-friendly interface for searching, and applying for jobs across various industries and locations.

Target Audience:

Job Seekers.

Key Features:

1. **User Registration and Profiles:** Allow users to create accounts, build profiles, and manage their job applications.

2. **Job Listings:** Display a comprehensive list of job openings with filters for industry, location, experience level, etc.

3. **Search and Advanced Filters:** Enable users to search for specific job titles, companies, or locations, with advanced filters to refine job search results.

4. **Application Tracking:** Allow users to track their job applications, save favorite jobs, and receive notifications on application statuses.

5. **User Interaction:** Implement features for communication between applicants and employers/recruiters.

6. **Integration with APIs:** Utilize APIs to fetch real-time job listings and integrate data seamlessly into the app.

7. **Responsive UI/UX:** Develop a visually appealing, intuitive, and responsive

interface compatible with various devices.

Technologies and Tools :

- **React Native:** For building the mobile application.

- **Expo:** To expedite the development process and leverage its tooling for React Native.

- **Firebase or similar:** For user authentication and database management.

- **API Integration:** Utilize job search APIs as Rapid API for fetching job listings.

- **Push Notifications:** Implement notification services like Firebase Cloud Messaging for real-time updates.

- **UI/UX Design Tools:** Such as Figma, Sketch, or Adobe XD for wireframing and prototyping.

Justification of App Development Framework:

The chosen framework, React Native with Expo, is justified due to its technical advantages such as cross-platform compatibility, native functionality, and hot reloading, which enhance development efficiency. Its design features, like component-based architecture and Expo's tooling, streamline UI/UX development. Moreover, this framework supports long-term maintenance through code reusability, over-the-air updates, and strong community support, ensuring scalability and ease of updates for the FindJ app.

Student Details

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