

Experiment Name: Project Proposal

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Project Proposal : Tutor Finding App

Project Title: Tutor finding app - A Platform for Connecting Parents and Tutors

Project Overview:

Tutor Finding App is a mobile application designed to connect parents who are seeking tutoring services for their children with qualified tutors who are looking for teaching opportunities. This platform will streamline the process of job posting, application, and communication, making it easier for both parents and tutors to find and manage tutoring services efficiently.

Objectives :

1. **Enable Parents** to post detailed tutoring job offers and specify their requirements.
2. **Allow Tutors** to browse job postings, apply for suitable positions, and communicate directly with parents.
3. **Enhance User Experience** with an intuitive interface for job management and communication.
4. **Facilitate Trust and Credibility** through a robust rating and review system for both parties.

Core Features:

1. **User Authentication and Profile Management**
 - **Sign Up / Sign In:** Secure registration and login for both parents and tutors using email/password or social media accounts.
 - **Profile Management:** Users can create and update profiles with personal details, contact information, and relevant qualifications or requirements.
2. **Job Posting by Parents**
 - **Create Job Post:** Parents can create detailed job postings including subject, grade level, preferred schedule, location, and special requirements.
 - **Edit/Delete Job Post:** Parents can modify or remove their job postings.
3. **Job Browsing and Application by Tutors**
 - **Browse Job Listings:** Tutors can view and search job postings based on various criteria such as subject, location, and schedule.
 - **Apply for Jobs:** Tutors can submit applications including a cover letter, resume or educational qualifications, and availability. And can directly contact with the job poster through email, messaging, phone call etc.
4. **Application Management**
 - **Track Applications:** Tutors can monitor the status of their applications.

- **View Applicants:** Parents can view applications, including detailed profiles and application materials of the tutors.
- 5. In-App Messaging**
 - **Communication:** Provides a messaging system for direct communication between parents and tutors.
 - **Notifications:** Alerts users about new messages, application status changes, and other relevant updates.
- 6. Search and Filters**
 - **Search Functionality:** Tutors can search for job postings using keywords, subject areas, locations, and other criteria.
 - **Filters:** Allows tutors to filter job postings based on specific preferences.
- 7. Ratings and Reviews**
 - **Rate and Review:** After a tutoring session, both parents and tutors can rate and review each other.
- 8. Dashboard**
 - **Parent Dashboard:** For managing job postings, viewing applications, and handling communication with tutors.
 - **Tutor Dashboard:** For managing job applications, browsing new job postings, and tracking communication.
- 9. User Support and Help**
 - **Help Section:** FAQs and support information.
 - **Report Issues:** Functionality to report issues or inappropriate behavior within the app.

Technical Approach:

- 1. Front-End Development:**
 - **UI/UX Design:** We will create a user-friendly and visually appealing interface for job postings, profiles, and messaging using XML in Android Studio.
 - **Mobile Development:** we will develop the app using Kotlin for Android
- 2. Back-End Development:**
 - **Database Management:** We will utilize Firebase Firestore or Realtime Database.
 - **Server-side Logic:** We will implement server-side functions for job posting creation, application management, and messaging.

Conclusion:

Tutor Finding App aims to create a seamless connection between parents and tutors, offering an efficient platform for job postings and applications. By incorporating userfriendly features

and advanced functionalities, the app will facilitate effective communication and management, helping both parents and tutors achieve their educational goals.

The End!!!