



**COMSATS University Islamabad,
Abbottabad Campus**

Project Proposal

(SCOPE DOCUMENT)

for

<Interview Preparation Application>

Version 1.0

By

Hozefa Hassan Rizvi	CIIT/FA20-BSE-019/ATD
Ashar Ali	CIIT/FA20-BSE-158/ATD
Hammad Khan	CIIT/ FA20-BSE-031/ATD

Supervisor

Mam Sana Malik

Bachelor of Science in Computer Science (2020-2024)

Introduction:

We're developing an Interview Preparation Application (IPA) for smartphones. The IPA will provide users with a comprehensive resource for preparing for job interviews. The application will include a database of interview questions and answers, as well as features to help users practice their interviewing skills. With the increasing competition in the job market, this application will offer valuable support to job seekers in various domains, such as Web Development and Graphic Design, Data Structures, and application development.

Problem Statement:

Preparing for job interviews can be a difficult task. There are many different types of questions that can be asked, and it can be difficult to know how to answer them effectively. The IPA will help users to overcome this challenge by providing them with a convenient and accessible way to prepare for interviews. Our application addresses this problem by centralizing interview-related content, streamlining the learning process, and allowing users to bookmark questions and answers for future reference.

Problem Solution:

The IPA will solve the problem of job interview preparation by providing users with the following features:

- A database of interview questions and answers for a variety of job positions and industries.
- The ability to practice answering interview questions by topic or by company.
- The ability to bookmark questions and answers for later review.
- The ability to share interview questions and answers with other users.
- A mock interview feature that generates random questions and records the user's responses.

Scope:

The scope of our project encompasses the following functionalities:

- User authentication with username and password.
- Searching for companies and selecting job roles, designations, and technologies.
- Accessing and bookmarking interview questions and answers.
- Sharing interview experiences, questions, and answers.
- Adding, updating, and deleting questions and answers.
- Reviewing and marking answers as correct.
- Emotion detection and feedback in the "**Mock Interview**" feature.

Modules:

1. User Authentication:

- Ensure your journey begins securely with a robust user authentication system. Safeguard your personal information and contributions while accessing the Interview Preparation Application.

2. Content Management:

- Explore a vast collection of interview questions and answers, carefully sorted for your ease. Easily find, look through, and even add to this continually expanding source of information.

3. Community Interaction:

- Join a thriving community of job seekers and professionals. Share your experiences, ask questions, and provide insights to support and learn from one another on your interview preparation journey.

4. Bookmarking and Feedback:

- Personalize your learning experience by bookmarking valuable questions and answers. Receive tailored feedback on your mock interviews, pinpointing areas for improvement and boosting your confidence.

5. Admin Panel (Administration):

- Behind the scenes, our administrators maintain order and quality within the system. They ensure a smooth experience for all users, curate content, and uphold the integrity of the platform.

6. Interview Success Stories:

- Find inspiration and motivation in the success stories of those who have gone before you. Discover how others overcame interview challenges and secured their dream jobs.

7. Post Interview Follow-up:

- Your journey doesn't end after the interview. Get guidance on the critical steps to take post-interview, from sending thank-you notes to negotiating offers, and making informed career decisions.

8. Interview Video Recording:

- Take your interview preparation to the next level by recording and reviewing your mock interviews. Visualize your performance, identify strengths, and work on areas that need improvement.

9. Get Answer Tips for Every Simulated Interview:

- Receive valuable tips and strategies tailored to each simulated interview scenario. Enhance your answers, boost your interview skills, and gain a competitive edge.

10. Quiz Module (Basic, Intermediate, Advance):

- Test your knowledge and readiness with interactive quizzes at various difficulty levels. Reinforce your understanding of interview topics and track your progress.

Advantages/Benefits of Proposed System:

- **Enhanced Security:** Robust user authentication ensures the security of user data and contributions, fostering trust among users.
- **Comprehensive Knowledge Repository:** A meticulously managed content management system provides easy access to a vast collection of interview questions and answers, saving users time and effort.
- **Community Engagement:** The community interaction module creates a supportive environment where users can share experiences, gain insights, and build a network of like-minded individuals.
- **Personalized Learning:** Bookmarking and feedback features allow users to tailor their learning experience, improving their interview skills with targeted guidance.
- **Efficient Administration:** The admin panel ensures quality control, content curation, and a smooth user experience, maintaining the integrity of the platform.
- **Inspiration and Motivation:** Interview success stories offer inspiration and motivation to users, boosting their confidence and determination.

Conclusion:

The proposed "**Interview Preparation Application**" combines a secure and user-friendly environment with a wealth of resources and community support. By addressing the diverse needs of job seekers, from content access to post-interview guidance, this application empowers users to excel in their interviews and pursue their career aspirations with confidence.
