

P1 Project Proposal

Group 7

Team members:

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App Name:

JobTrack Pro

App description:

Are you tired of losing track of your job applications, resume updates, and the details of your job-hunting journey? JobTrack Pro is here to simplify and supercharge your job search experience. Whether you're a recent graduate starting your career or a seasoned professional exploring new opportunities, JobTrack Pro is the ultimate tool to help you organize, optimize, and succeed in your job hunt.

Key Features:

1. Job Application and Resume Tracking JobTrack Pro lets you effortlessly record and organize your job applications and resume updates. Easily log application deadlines, company information, job descriptions, and your tailored resume versions in one convenient place. Say goodbye to scattered documents and missed opportunities.
2. Job Hunt History Keep a comprehensive history of your job search. Document your interview experiences, networking events, and valuable insights you've gained throughout your job hunt. Reflect on your journey and learn from each step to boost your success.
3. Job Recommendation Engine Unlock personalized job recommendations based on your skills, experience, and preferences. JobTrack Pro's recommendation

engine suggests relevant job openings that match your profile, saving you time and effort in your search.

4. **Social Sharing** Engage with your network to share your job hunting progress and celebrate your success stories. Connect with other users to exchange valuable tips and advice. Leverage the power of community support to drive your career goals forward.
5. **Reminders and Notifications** Stay on top of deadlines and interviews with our customizable reminders and notifications. Never miss an opportunity or overlook a critical event in your job search.

Why Choose JobTrack Pro:

- Streamline your job application process
- Maintain a detailed job hunt history
- Receive personalized job recommendations
- Engage with a supportive community
- Never miss important deadlines

Say goodbye to job search confusion and welcome clarity and efficiency with JobTrack Pro. Download now and make your job hunting experience smoother and more successful than ever. Your career journey starts here with JobTrack Pro. Starting today!

Slogan:

"Apply, Track, Thrive: Your Job Search Companion"

The target users of the application:

- Job Seekers: This is the primary user group, including recent graduates, professionals looking for a career change, and individuals currently unemployed.
- Students and Graduates: College students and recent graduates can use the app to track internships, part-time jobs, and post-graduation career opportunities.
- Experienced Professionals: Seasoned professionals seeking new job opportunities or career advancement can benefit from the app's features.
- Recruitment Agencies: Recruiters and HR professionals can use the app to help their candidates organize their job application processes.
- Career Counselors and Coaches: Professionals providing career guidance and counseling can recommend the app to their clients for better job search management.

What three apps on the Play Store (or other app store, such as Apple's) would be your closest competitors?

Job Search and Career Management Apps: These apps typically help users find job listings, create and submit resumes, and track job applications. Examples could include LinkedIn, Indeed, or Glassdoor.

Job Recommendation and Matching Apps: Apps that provide personalized job recommendations based on user profiles and preferences. Examples may include apps like Monster or ZipRecruiter.

What themes do you see when you browse the reviews of your competitors?

- User-Friendly Interface: Users frequently comment on the app's ease of use. They appreciate intuitive navigation and well-designed user interfaces that make it simple to track job applications, update resumes, and access job recommendations.

- **Job Application Tracking:** The ability to log and track job applications is a key feature. Users often mention the importance of this feature and its role in helping them stay organized during their job search.
- **Notification and Reminder Systems:** Users appreciate apps that offer reminder and notification features to keep them updated on application deadlines, interview appointments, and other important events in their job search.
- **Community and Networking:** If an app includes features for connecting with other job seekers, users might mention the benefits of community support and networking opportunities.
- **Job Matching Accuracy:** Job matching apps often receive feedback regarding the accuracy and relevance of job recommendations. Users expect the app to understand their skills and preferences and provide suitable job listings.
- **Technical Performance:** Users expect apps to be stable and responsive. Frequent crashes, slow performance, or other technical issues can lead to negative reviews.
- **Privacy and Security:** Concerns about the security of personal information and data privacy are often mentioned. Users want assurance that their data is safe.
- **Customer Support:** Reviews might include feedback on the responsiveness and effectiveness of customer support. Quick responses to user inquiries and addressing issues can lead to positive reviews.
- **Bug Fixes and Updates:** Users appreciate regular app updates that fix bugs, introduce new features, and improve overall performance.

What areas will you be going deep in?

- User interface: Feature a clean and intuitive layout that guides users seamlessly through the job search process. A simple navigation system with easily accessible menus, search bars, and filters helps users quickly narrow down their preferences and discover relevant job listings. The job application tracking page works smoothly to ensure all applications stay organized and up-to-date, making the entire process as stress-free as possible.
- User Engagement: Send notifications based on user habits to encourage their use. An example of a notification could be 30+ new job opportunities. Also let users be informed of important milestones, such as upcoming interviews.
- Shared Data: Using Firebase database to provide offline storage. Application history persists locally, and real-time events continue to fire, giving the end user a responsive experience. When the device regains connection, the real-time database synchronizes the local data changes with the remote updates that occurred while the client was offline, merging any conflicts automatically.

What libraries and/or libraries will you use?

- Android Development Libraries (Java):
 - Android Jetpack: A collection of Android software components to help developers follow best practices, reduce boilerplate code, and simplify complex tasks.
 - Retrofit: A popular HTTP client for making API calls and handling network requests.
 - Room: A persistence library for local data storage and database management.
 - Glide or Picasso: Libraries for loading and caching images efficiently.
 - ButterKnife: A view-binding library that simplifies UI code.
 - Gson or Moshi: Libraries for parsing JSON data.

- Backend and Database:
 - Firebase: Google's mobile and web application development platform with features like authentication, real-time database, and cloud functions.
 - Node.js or Django: Backend frameworks to build a custom server.
 - MongoDB or MySQL: Databases for storing app data and user information.
- UI and Design:
 - Material Design Components: Libraries for creating a consistent and attractive UI in line with Google's Material Design guidelines.
 - Adobe XD or Sketch: Design tools for creating app prototypes and UI/UX design.
- Analytics and User Engagement:
 - Google Analytics or Firebase Analytics: Tools for tracking user behavior and app performance.
 - Push Notifications: Use Firebase Cloud Messaging (FCM) or other notification services for user engagement.
- Authentication and Security:
 - Firebase Authentication: For user authentication and identity verification.
 - OAuth libraries: If you want to integrate with third-party platforms like LinkedIn or GitHub.
- Community and Social Features (Optional):
 - Social login SDKs: If you want to allow users to sign in using their social media accounts.
 - Chat and messaging SDKs: For community interaction features.

Will you be able to design, build, and test this app before the end of the semester?

Yes. We will distribute our workload throughout the semester by planning time for each module.