

# Referredin: Job Referral System

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## Project Description:

Referral system is very common in large IT company and it is benefit for both referral and referrer. In addition, getting a job by reference is more easier than applying on internet directly, however, it is not easier to find referrer even they are our friends.

Job Referral System is a mobile application based on AWS, which help people get job reference among friends. Users can post reference information in this system and only the users who has common friends in contact, Facebook or other friend relationship can find it. At begin, users can find limited reference information and they can expend their friend graph and find more reference by liking the existed job position, just like most of secret app.

Job Referral System will be deployed on EC2 server and showing on mobile devices and browser.

## Users and Function:

Our application mainly is designed for two kinds of users, JobSeekers and Referrers. JobSeekers can use our application to post wish jobs with keywords like C++, Java, Google, Top 500 Company. JobSeekers can see a list of jobs recommending by our system depending on their friends. Referrers can post jobs, set job visible to someone and see a list of Job Seekers recommending by our system depending on their friends. Our system can recommend by keyword, friendship, resume and so on. Users can expand their relation by interacting in job and Jobseeker list such as writing reviews.

## Project Components:

Browser: Our application is web based application. Users can sign up, modify information, search job, post job, communicate. Compared with mobile application, web application is designed for users more easier to add more detail.

Mobile: Our application also support running on mobile device. Users can do some simple operation on mobile device and expand their relationship by their contract.d

Buddy Management: This is designed for manage relationship among users. Referrers can use this to set job visible to particular friend and JobSeeker can block spam job information. This part also contain the algorithm of extension friendship.

Job Management: This is designed for manage wish job list of Job seekers and job list of referrers. Jobseek can add, delete, update wish job and referrer can add, delete, update job.

Profile Service: This is for recommend job to Job Seekers and candidates to referrers. This part also contain the algorithm of recommendation.