Basic Idea

For Bridging the gap between skill supply and skill demand, our mobile application will be very efficient and useful. Using the application user can register on platform either as employer or employee using their UID number. Then after successful registration they need to provide the basic details like name, location, age, contact details, and skills. The provided data will be stored on our web server database. Now if any user register himself/herself as employee with a particular skill set, his/her skill will be matched with the perspective required skills of employer and suggestion will be displayed, from them user can choose and contact employer for job of his/her choice. Since we are focusing more on linking semi-skilled labor the suggestion of job displayed will be from same city, but one can adjust according to his/her need or flexibility of location.

The idea will be boon for those semi-skilled labor which doesn't have any higher education but have skills, who want to improve their skills but are forced to work in different sectors or employed as domestic help in homes, gardeners, drivers etc. due to circumstances. But the fact is that there is also huge demand of people in public and private offices for computer operators, data entry operators etc. And all we need is to provide a link and a better connectivity. So, now with our application they will be easily able to find a job in his/her perspective skills.

Because now all that matters is skill, which can drive us to make India a better place.

Technology Stack

The technologies that will be used in building the application consist of different stacks which are listed below as follows.

1. Mobile platform :

Our application is based on android platform and we are using Android studio, integrated development environment (IDE) for building the application.

1. Firebase :

Firebase provides a good platform for data storage, user authentication, crash analytics, real time database, notification and many more. That is why we are using Firebase authentication and data storage features in the application.

Firebase authentication allow user to authenticate or register themselves using Google/Email/Facebook account.

For storing employee and employer database and fetching from server we are using Firebase storage.

1. SQL lite :

Since the database fetched from server will be available only on internet connection. So we are using SQL lite for storing the fetched data locally. So that it can be viewed even if

internet connection is not available after fetching.

Dependencies

For building the application we will be using following dependencies: -

1. Android OS
2. Firebase authentication
3. Firebase database
4. Third party android libraries
5. Access to Internet
6. Access to Smartphone camera

Users who will use this application need following dependencies:-

1. Android based mobile phone
2. Active internet connection
3. Google/Email/Facebook account