

SEEKERT DOCUMENTATION

Our Project mainly aims at reducing the gap between a seeker who seeks a service and an expert who provides the service.

SEEKERT is an app made for android devices. It shows the services available in any particular locality and the services are ordered on the bases of an algorithm which takes into account different factors like distance, rating, cost, etc.

User can either login as a Seeker or an Expert. If he logs in as a Seeker he would be redirected to a search page and a categories page from which he can chose the service he wants and hence the service provider list will be display. But before all this the Seeker's location will be detected using Google Maps API

In case the User is an Expert, he would be directed to a login/registration. Once he has completed this procedure, he would be shown a list of Seekers seeking services the same/similar to the services provider by the seeker. He would also have his own 'requests page' on which there would be a list of seekers who have requested the service of that particular Expert.

The major difference between this app and other search provider apps is the location accuracy. Most other apps would ask the user to enter his location and would display the results in that area. But we display results based on how far the provider is from the user's location (detected automatically).

Actors:

Seeker, Expert

Pre Requisite:

For Seeker

Seeker must have a proper android device and his device must properly detect his location.

For Expert

Expert must be registered with the app and must have a login id and password to be logged in. He should have also clearly categorized all the services in case he provides more than one.

Software Development Methodology

We have used incremental approach for the development. We will be delivering the software in 3 modules. We are using Eclipse to develop the app.

What the User Can Expect from the App

Incase the User moves into a new locality the user can find this app very useful to trace the services nearby, just by sitting at one place.

Softwares/APIs Used:

Android Studio, Google Maps API, JavaScript, PhoneGap

Implementation of Google Maps

Google Maps API is an integral part of our project. It is what defines Seekert from other available service websites. Google Maps API adds the location based services in our website.

As we enter the address of the current location or the location of the address in where we require the service, the google maps redirects to that location and returns to the web server who searches for the service providers in its database and returns the Experts information to the web server. The web server ranks