

Project Proposal Form

Project Title: My City Information Mobile App

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Please describe the type of system being developed.

My City Information Mobile App is an Android application by which an individual can access through all the information related to city providing the details of Hotels, Restaurants, Tourist places, Movie theatres, providing functionalities like navigation and reviews.

Who is system being developed for?

The My City Information Mobile App is an Android project aims for the user satisfaction in searching about the city and providing more flexibility to the user.

Why is such a system required?

- Most of the Existing systems are web sites and they do not provide navigation facility.
- Most of the existing systems are topic based and they provide only the specific details of only that information.

Disadvantages:

1. An Individual cannot access to the information from the mobile and it is not very flexible.
2. To search about the city an individual have to move through various web sites to gather all the different information.

Advantages:

- More flexible and can be accessed if the mobile has an internet.
- All in one information in a single application

Conclusion:

- My City Information Mobile App is an Android project aims for the user satisfaction in searching about the city and providing more flexibility to the user.

What will be the main challenge for you in building the system?

Domain Challenge :

To build this app, the researcher would have to undergo some major challenges during the development like:

- **Interaction Principles:** To understand the interaction principles between the human and the mobile devices and to develop the application keeping in mind the implementation of all those principles which will justify the successful implementation of the application.
- **Mobile Commerce:** To implement the concepts and ideas involved in mobile commerce to develop the mobile application
- **User Registration module :** In user registration User will register by providing their basic details like email id, user name, mobile number, Qualification.

Technical Challenge :

The challenges that would come on the way of the researcher while working on the technology area are as follows:

- **Android Platform:** The very first thing that I would like to mention here is the knowledge of platform. Since, the system is going to be developed on android platform and I am totally unknown about this technology, off-course I have started learning it but still I need to learn many concepts of android for successful development of this project.
- **Hardware Fragmentation:** There are thousands of varieties of devices that run on android platform and those various devices exist with different properties such as memory, CPU speed, and graphical resolutions. There is also a fragmentation possible on the operating system level. A famous example is the fragmentation on Android devices with different screen sizes and resolutions. Thus, developer must

have to perform market research to find out which handsets are most popular with the target audience and develop for those first.

- **Software Fragmentation:** Since, there are too many android versions are available running into the devices. So, I as a developer can't focus only on single or latest version of because it's not easy for users to upgrade their operating system and therefore most of the users must not have upgraded. Therefore, developer will have to learn which operating systems are most popular and develop with the latest widely adopted version in mind.
- **Integrating Various Modules in one Application:** It will be quite challenging to integrate various modules such as Database Integration, user registration module search module and many more at a single place. The developer will have to learn numerous API's to implement the system.

What functionalities you will cover in project?

Core Features

Feature	Description
Register	All users at first have to register themselves to the system. All the users will get a unique email and password.
Login/sign-in	All users will get a unique email and password through which they can logged in into the application.

Enhanced Features

Functionality	Description
Alerts	<ol style="list-style-type: none">1. Alert on Registration successful.2. Alert on Registration fail.3. Login fail4. Validation alerts.5. Please select at least one city. etc
Review Management	This module describes the opinion of users on a particular place, movie theaters, shopping malls, hotels, restaurants etc.

Special Features

Functionality	Description
Password recovery	If User forgot the password, it is easy to recover by mail id/mobile number
Notification Alerts	A notification will be sent to the users regarding login credentials when they forgets their password/user id

Signature

Bharat

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