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| Synopsis on Project :- | MIRINO  (Android Application) |
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1. **Introduction**

1.1**Background**

The project ‘MIRINO’ will be an application which runs on the Android Platform. This Application will provide all services related to Religious Places. No matter where the user is, the app will automatically detect the current location of User and provide services like details of Places such as Mosque (detail’s of Mosque, including NAMAZ timing and Trusties /Committee detail’s) . .

These services will be choices in the app and the user will filter through choices to access a service. All possible Details like Contact Number, Timings of NAMAZ, Detail’s of Trusties/ Committee will be provided. Besides this, the User can search for Mosque. Links or contacts to Donate Money to that Committee or Trust will be provided. Thus, this Application will be a one stop for Users to avail all the Religious Places.

Also the user can set reminders for Namaz, or daily Reminders for Reciting Quran. The existing Applications are broken modules and no such complete Application exist that cover all aspects of the field. The Existing Apps are only used to search all Places, we don’t have any specific Application for this. also it is difficult to retrieve Information from existing systems(detail’s like Namaz Timings, Committee detail’s, etc).

Sometimes User will want to add place in the Application , if User knows any of the place, which is not in MIRINO’S Database. User can request admin to add that place by filling the request form in the Application after sign in. after that Admin will send verification to the trust or that Place and after the Verification the particular requested place will be added to the MIRINO’s database.

The System which Proposed is absolute complete application with all the Related services of the same field Provided in a single Proposed system. it can be used for Searching Mosque and Getting their details of NAMAZ timings.the level of accuracy in the Proposed system will be higher.

All Operation would be done correctly and it ensures that whatever Information is coming from the Database is Accurate.Making changes in Proposed System will be an easier task as compared to Existing Systems so that they can be Updated easily.

The system should be easy to Operate and should be such that it can be Developed within a Short period and fit in the Limited budget of the user. Retrieving Information will be easier in Proposed system and it will be very user friendly.

1.2 **Objectives**

As the use of Android mobile phone is drastically increasing and the people have an easy access to it so from that we found an idea to make an application on Android phone that will assist people in a better way to avail or look for Religious Places around them just on an Android phone.

The main objective is to provide ease to users to look for Religious Places around them.

This app can be very helpful to one who needs to find services like search for Mosque and the user can also contact the same organizations as the details like contact numbers and timings will be provided in application.

The application will have different filtering options that the user will choose and for all the filters corresponding services will be shown.

One of the objective is to Design and implement the Database that will contain details of all Mosque like Locations, Contact Numbers, etc.

Our focus is on providing the following details and services to user around him as per his/her location:

* Finding route for Mosque, and all other information related to that.
* Trust and Committee Detail’s.
* Setting reminders for Namaz and Reciting Quran.

1.3 **Purpose and Scope**

1.3.1 **Purpose**

The purpose to develop this application is to facilitate users with all the Mosque services on their fingertips.

As technology progressed, our phones are getting smarter and their computing power increased with a decline in their prices. We now have as much processing power in devices we carry in our hands that we had in huge computers a few years ago. And as we all know, with great power comes great responsibility. Now, we had to think of ways to consume that much processing power in creative ways to make our life easier and that too securely.

Therefore, I took this project of creating a Mobile Application for the most essential Places i.e. Mosque .

As operating systems like Android and iOS have become widespread, the development of apps became easier. We could now just build a single app for the platform that could be downloaded and installed into millions of phones across the world and for what purpose, well, our creativity is the limit. We now have a huge community of developers that for all the major platforms that develop app and earn their living. We have an open play store from where we can download the apps and extend the functionality of our mobile phones.

Since ,Android is the most widely used platform for mobile phones so, I chose to develop my application for an android platform so that maximum people can use this application.

1.3.2 **Scope**

The proposed software product i.e. ‘MIRINO’ is an android application. Therefore, only android platform users will be able to use this software Application.

Also android is an open source platform and the most widely used platform for mobile phones hence, a wide range of people can use this Application.

This application will be developed using Google Maps and Places API , therefore will access location of your cell phone. So, the user needs to grant permissions to the app for accessing location so that app may run in their Android mobile phones.

Reasons for ‘why our project is an android mobile application’ are as follows:

* Most of the companies are working to improve mobile app experience.
* People are spending most of the time on Mobile nowadays.
* Mobile phone sizes are becoming Bigger, we work on mobile most of the time.
* Android Platform is developer friendly. Developers are free to build anything on Android platform.

As the application will have a user friendly GUI, a user with basic experience in use of android may be able to use the application with ease.

Main Functions of application include:

* Searching for Mosque nearby.
* Getting these Mosque information for NAMAZ.
* You can Find A Trusted Person To Donate The Money TO the Committee or Trust.
* Allowing users to add information and authenticating the same to add it to the application. For example, a user may request to add details for a new Mosque recently opened around him. The admin will authenticate details and add the same to a database so that every user can access the same. (Future Update).
* Setting reminders for NAMAZ or daily reminder recite Quran.