**Social Finder Application**

**Project Domain / Category**

Mobile Apps

**Abstract / Introduction**

In the past couple of decades there has been a lot of debate and discussions about social network and media platforms. Both of these platforms have revolutionized the way people share their thoughts, interest, activities and interact with each other around the globe. Applications like Facebook, Twitter, Instagram, what’s app, LinkedIn, YouTube etc. are a medium for the people to use both of these social platforms.

Student’s task will be to develop a social app called “Social finder application”. The application main focus will be to suggest friends to the users of the applications based on their activities, mutual/common hobbies, liking, interest, age group, background etc.

This application will consist of three modules. Each module will have its own set of requirements. The main requirements of the application are shown below

**Functional Requirements:**

**Module 1**

* Application will provide the user an interface for creating his/her Account.
* The user will be able to login to the application after creating his/her account.
* Application will provide the user an option to Manage (update, delete) information from his/her profile.
* Application should have an option to change its theme, background colour, font, font size etc.

**Module 2**

* The application will provide an option to its user to search or view the profile of other users and send requests to them.
* The user can share content, videos, images etc on the Homepage of the Account. So other user can like react or comment on the shared content. (This requirement should be somewhat similar to what applications like Facebook, Instagram etc has)
* The application should also provide the user an option of having Instant Messaging with his/her friends.

**Module 3**

* The application will be able to suggest friends to the user based on his/her activities, mutual/common hobbies, liking, interest, age group, Study background etc.

**Note:**

Students can also add more requirements into the app and customize it to make it more refined.

**Tools:**

**Languages**: Java, Kotlin, C#, Dart, Swift or any other programming language

**Frameworks**: React, React Native, Flutter, IOS or any other modern framework

**IDE:** Android Studio, Microsoft Visual Studio etc.

**Database: (**Preferred One) Firebase etc.

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