**CU MESSENGER APP FOR CU STUDENTS AND FACULTY ONLY**

**A PROJECT REPORT**

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**TABLE OF CONTENT**

**1. Introduction to the project**

**2. Client Identification and Recognition of Need**

**3. Recognition & knowledge of relevant contemporary issues.**

**4.Project Identification**

**5. Task Identification**

**6. Timeline of the project(in weeks)**

**7. Gant Chart/ Use of modern project planning tools.**

**1.Introduction to the project**

Covid-19 has disrupted our normal lifestyle and everything has shifted to virtual platform. Now we are not getting the same experience which we were getting in physical class where interaction with teacher’s and classmates was so easy ,where clearing doubts was so easy. So we are introducing ‘**CU HUB’** the android application which would be a miniature of our college website. Earlier it was difficult to get college notification and information by logging into website everytime and also it was difficult to connect with teachers but **CU HUB** will be a one stop solution of above mentioned problems .this application will facilitate communication between students and faculties via database.

**2. Client Identification and Recognition of Need**

This project is mainly targeted at colleges. It will solve the problem of teachers and students. Generally students face problem in getting right information at right time and sometime they miss important notification regarding training, placement interviews, holidays and project submission etc. . sometimes when we feel difficulty in assignments and in projects we want to connect to teachers but we couldn’t do so because of the unavailability of contact information of teacher’s on official college websites and not only students but teachers also faces some problem in conveying information to students so, we have recognized the needs of teachers and students and are making this application **CU HUB** .

**3. Recognition & knowledge of relevant contemporary issues.**

Suddenly, when Covid hits India in 2020 it disrupted the whole education system and gradually education completely transferred to online mode so both students and teachers face problem in adopting virtual mode. Though we have successfully adopted virtual mode and technology have made everything easy and possible but still there are some gaps which needs to be bridged so we have recognized the needs and have made this application.

**4. Project Identification**

To design and develop this application we have to use **Android Studio** and use it’s **Android Native** feature to build an app which can be installed on user's **Android Devices** through which they can easily chat with there classmates or there respective instructors. They will have to log in through there **user id’s** and then will be able to access all the features of the app

**5. Task Identification**

To meet the set goals the app should have :-

* Login on the basis of UID
* Dynamic Database which can link students to there respective teachers
* Chat Functionality
* Groups Functionality
* Query Feature for student’s doubts

**6. Timeline of the project(in weeks)**

|  |  |  |
| --- | --- | --- |
| **Start date** | **End date** | **Project status** |
| 18th February | 27thFebruary | Project Planning and Research |
| 25th February | 2nd March | Designing and Markup |
| 28th February | 15th March | Back-end Development |
| 12th March | 22nd March | Testing and Bug Fixes |
| 23rd March | 2nd April | Additional Features |
| 1st April | 18thApril | Refinement |

**7. GANTT Chart :**