

DTUConnect

1. Objective

In these changing times, students are more driven towards using a mobile phone for every purpose. A smartphone they call it. The world is at the fingertips and a student can get access to any information from anywhere. This reduces the chance of visiting a library and searching for the data. A mobile phone hence can be used for a number of such purposes. It can now be said that students have taken up modern ways of learning through mobile applications. Such mobile applications ease up student problems and facilitate learning.

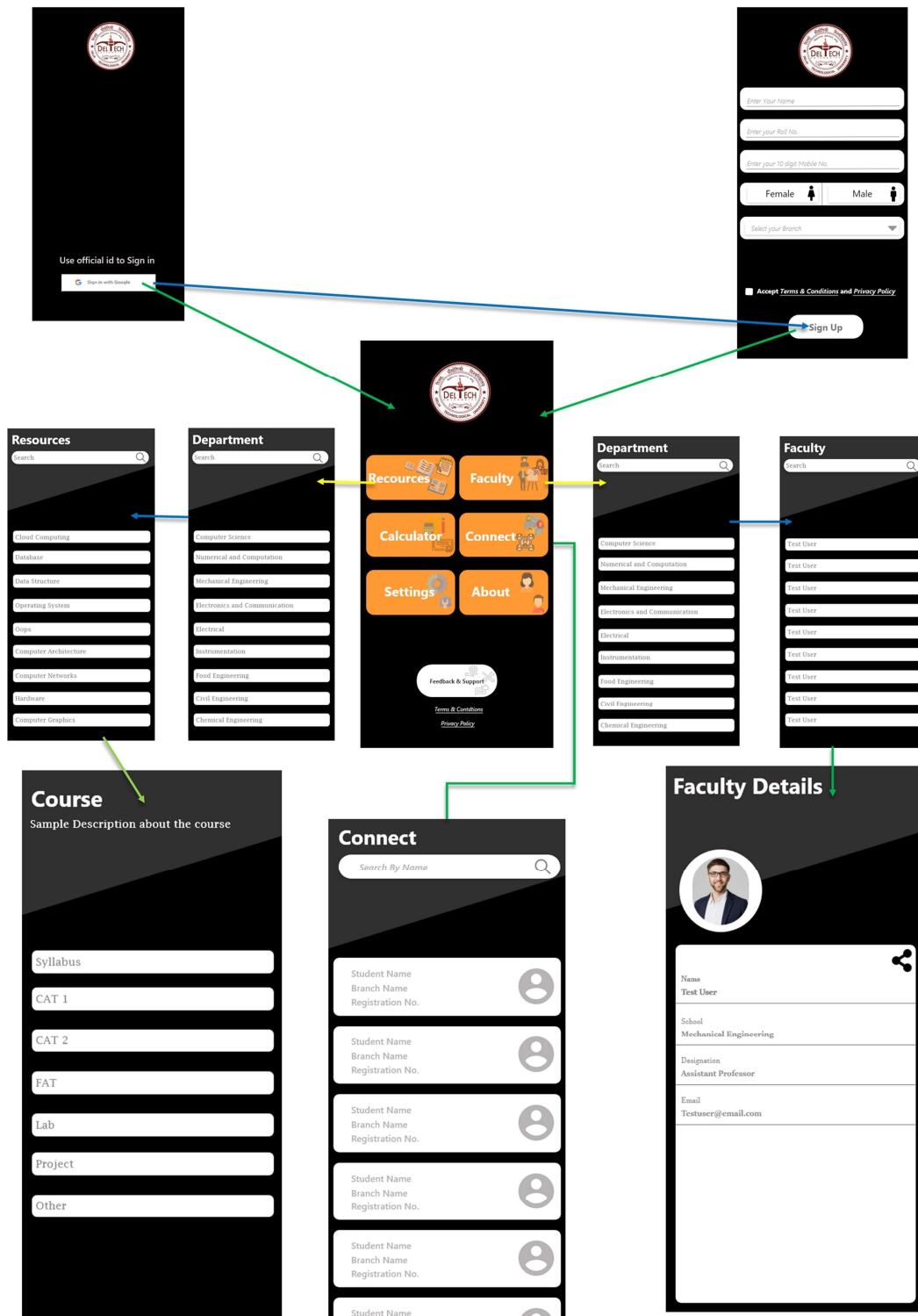
The sole objective of this project is to develop a mobile application called **DTUConnect** to support the student's academic activities in the above-mentioned context.

DTUConnect will be an Android based application which is being built by Society of Environmental Sustainability to facilitate an easy and smooth access to the course related materials, information about departments and courses available.

The primary objectives of DTUConnect are as follows:

- Leisure Hours Utilization
- Provide simple and universal access of information
- Reducing the Gaps between contemporary batches
- Interaction with faculties
- 24/7 Availability
- Sustainability
- Portability and Mobility

2. Screen Flow



3.Screen Details

3.1 Login Screen

Users will be allowed to sign in only using their official email which has been provided by DTU to maintain the authenticity of data provided by the application and also to mitigate the chances of spam. On every first launch of the application user will be showed the login screen and if the user is found to be already registered then we will navigate to the home screen otherwise the Sign-Up screen will be shown to the user.

The image displays two mobile application screens side-by-side, both featuring a dark background and the DTU (Delhi Technological University) logo at the top center.

Left Screen (Login Screen):

- At the bottom, it says "Use official id to Sign in".
- Below this text is a button with the Google logo and the text "Sign in with Google".

Right Screen (Sign-Up Screen):

- Below the logo, there are four input fields:
 - "Enter Your Name"
 - "Enter your Roll No."
 - "Enter your 10 digit Mobile No."
- Below the input fields is a gender selection section with two options: "Female" (with a female icon) and "Male" (with a male icon).
- Below the gender selection is a dropdown menu labeled "Select your Branch".
- Below the dropdown menu is a checkbox labeled "Accept Terms & Conditions and Privacy Policy".
- At the bottom is a large button labeled "Sign Up".

Two yellow arrows point from the "Sign in with Google" button on the left screen to the gender selection section on the right screen.

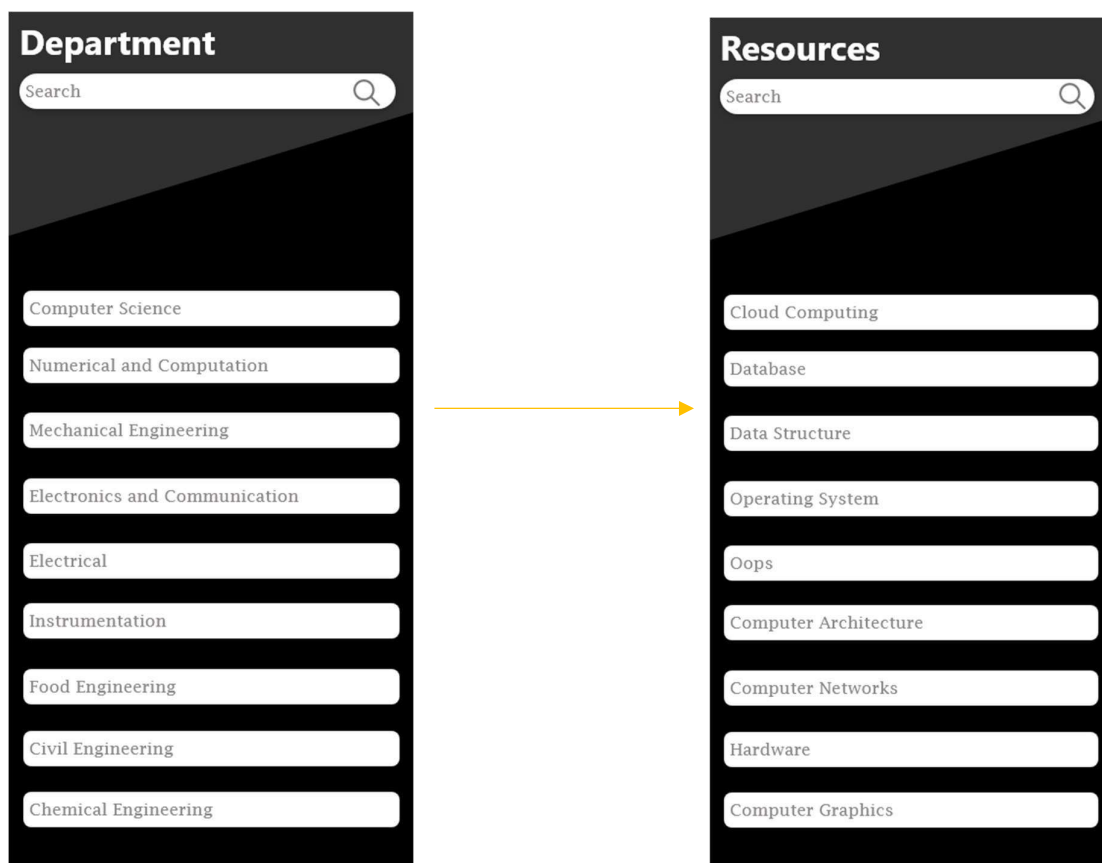
3.2 Dashboard Screen

It is to home screen of the app and from here user can navigate to different sections of the app.



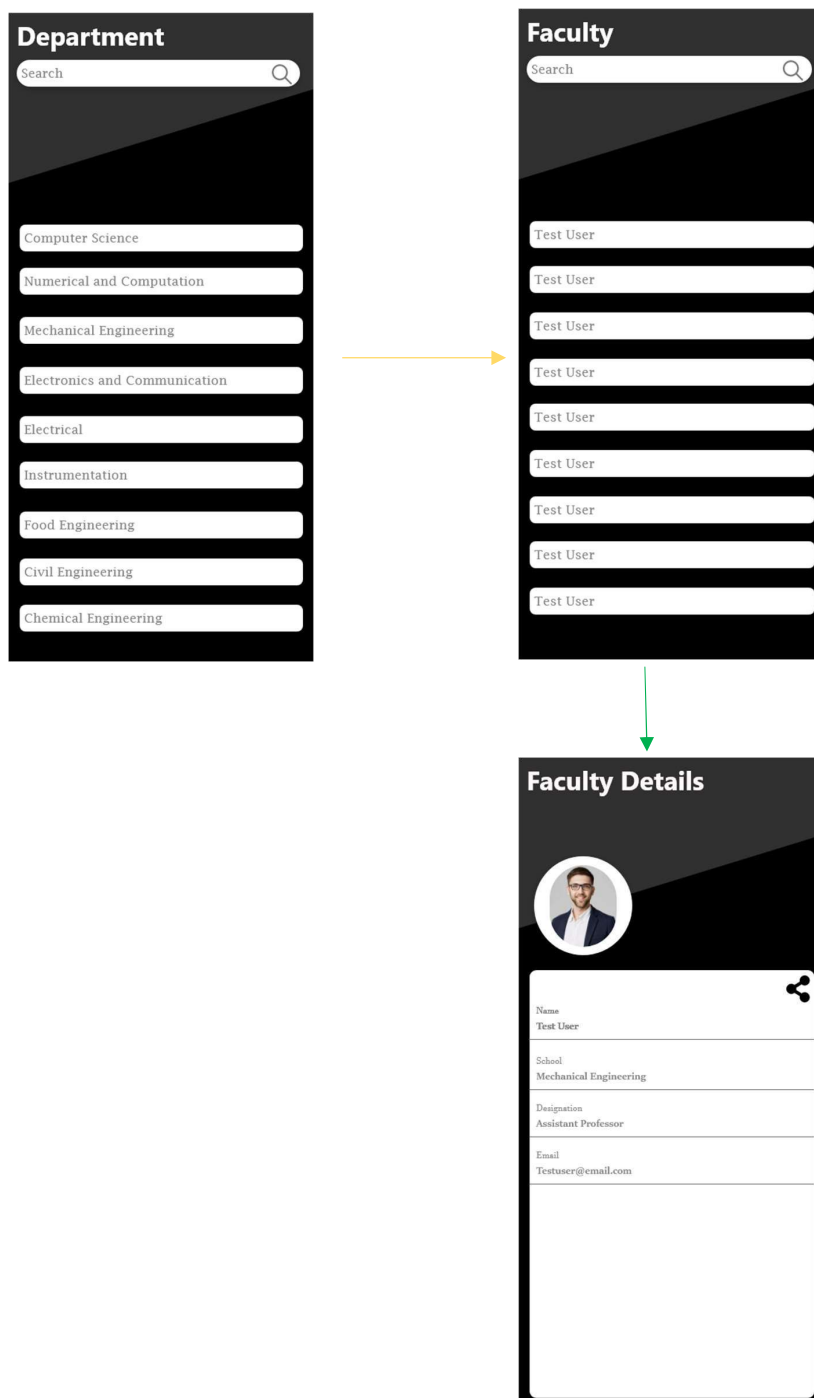
3.3 Resources Screen

On click of Resources on the home screen the Department screen will open and from there when user selects the department then further Resources screen will be opened accordingly.



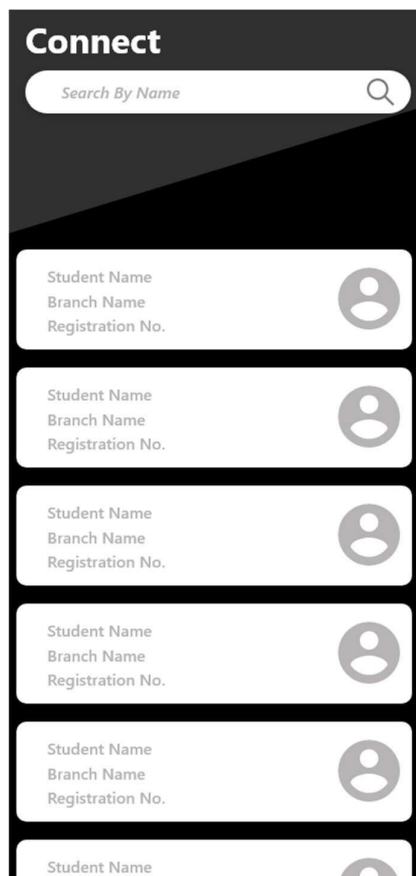
3.4 Faculty

When user clicks on faculty on the home screen then we will navigate the user to the department screen to show data in more organized way, and further the faculty screen will be shown containing the faculties of that particular department and eventually on the click of user on the faculty name, the details will be shown accordingly.



3.5 Connect

The connect screen shows all the users of the app so that users can connect with the all the users of the app. This screen will be launched on the click of Connect tab in the home screen.



4. Advantages

- **Students Prefer Apps**

It's just not that 90% of the student population own a smartphone, but also spend 86% of their time in a day browsing through mobile apps. Clearly, students and their mobile phones are inseparable. Because of this, having your own university or college mobile app with your own branding is the best way to catch their attention and build your brand in a crowded market.

- **Be accessible anywhere, anytime**

Though a student portal serves as a good means of communication, it's the accessibility factor that makes a mobile app far more effective. Students will have access to all of your college resources at all times. More importantly, during emergencies and situations that need immediate attention, the mobile app is much handier as compared to browser-based support.

- **Have a centralized system for all your student needs**

One of the main benefits is that your entire communication, content, staff, and student directory is available in one centralized system. Instead of using multiple platforms for different kinds of communication and information, you can use one solution for all your student engagement needs.

- **Get quick access to relevant teacher & student information for useful insights**

While your system helps you keep a record of all the information, you still can't find what you need at the right place at the right time. This is exactly why you need a system which integrates with your systems that collates this data and provides you with meaningful insights. These insights will help you to quickly tap into any information you want about an individual teacher & student with just a click, and be there to extend a hand. This is how even large colleges can make the student experience very special.