

# Dhaka University Calendar Management Application

Submitted By:

Pritom Kumar Das (919)

Miran Al Mehrab (931)

Supervised By:

Dr. Kazi Muheymin-Us-Sakib

Professor

Institute of Information Technology

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# 1. Project summary

For our Software Project Lab -2 course, we have developed an android application called “Dhaka University Calendar” . The purpose of this project is to provide a platform for the students, teachers, stuffs and other stakeholders to know the university in a better and convenient way. This application will save time of the stakeholders as well as it will help the university to be fully digitalized. By using this application the stakeholders can know about the departments, halls , offices etc. Governing body of the university, transport services and clubs information is available through the application.

Stakeholders can know about the general calendar of the university as well as specific calendar of different departments. Users can create account with Google auth and can update account anytime. The admins will have a different interface for their works. A web interface will be provided running on a live server. They have to login to access the web service. From the web service , they can add different information in the respective table of the database.

## 2. Set Up

Steps to run the application:

1. Download the application from Playstore
2. Go to 52.29.113.22/miran/DUC/web/server\_front/login.php address

## 3. User Manual

An user can create account as student , teacher or guest. The the user will go to the home of the home of the application. From the home page, s/he can select different options like - calendar, profile, university information , transport etc. Users can log out of the application by tapping the log out button.

## 3.1 Homepage

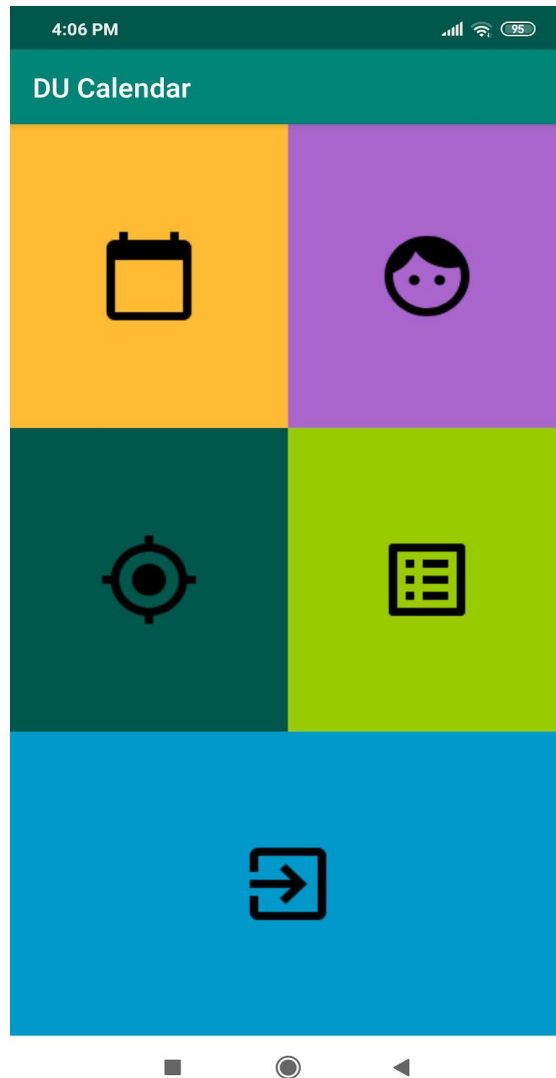


Figure: Homepage of Dhaka University Calendar

## 3.2 Account management

### 3.2.1 Sign up

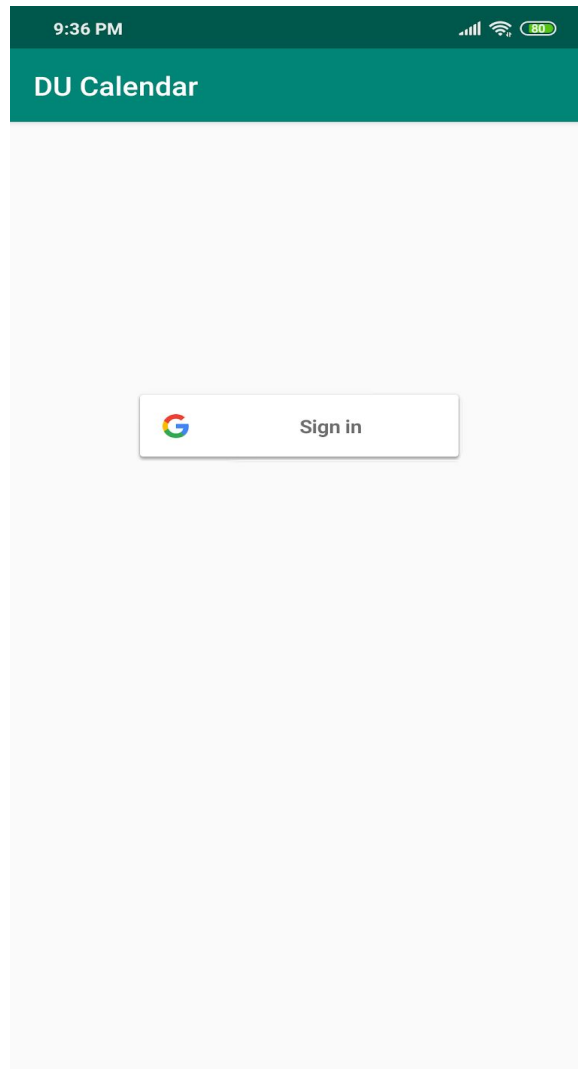
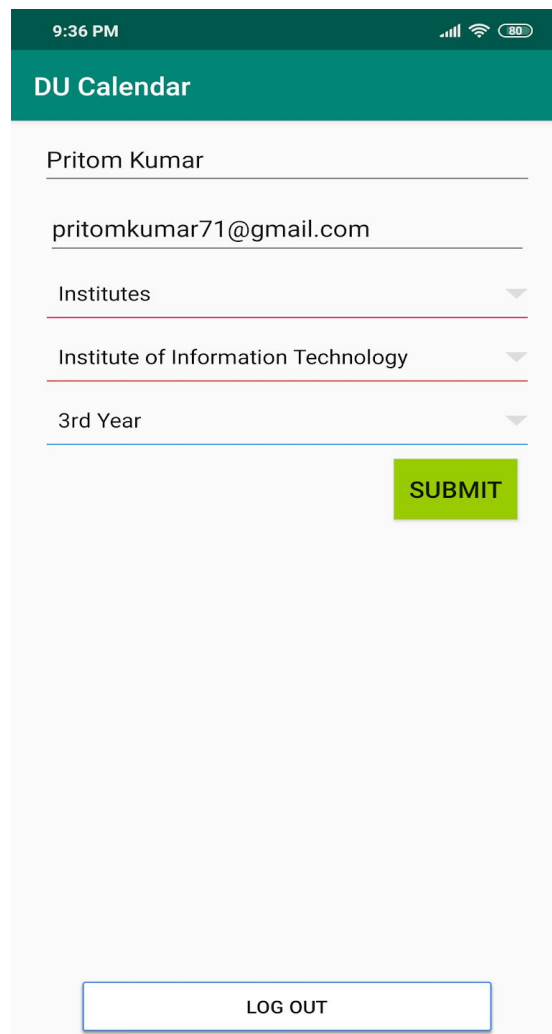


Figure: Signing up with Google account

### 3.2.2 Update profile and log out



The screenshot shows a mobile application interface for 'DU Calendar'. At the top, a dark green header bar contains the time '9:36 PM' on the left and signal, Wi-Fi, and battery status icons on the right. Below the header, the title 'DU Calendar' is displayed in white text on a green background. The main content area is white and contains a form for updating the user's profile. The form includes four input fields: a text field for the name 'Pritom Kumar', a text field for the email 'pritomkumar71@gmail.com', a dropdown menu for 'Institutes' with 'Institute of Information Technology' selected, and another dropdown menu for '3rd Year'. To the right of the 'Institutes' and '3rd Year' fields are small downward-pointing arrow icons. A green 'SUBMIT' button is positioned to the right of the '3rd Year' field. At the bottom of the screen, a white button with a blue border and the text 'LOG OUT' is centered.

9:36 PM

DU Calendar

Pritom Kumar

pritomkumar71@gmail.com

Institutes

Institute of Information Technology

3rd Year

SUBMIT

LOG OUT

Figure: Account update and log out option

## 3.3 Information management

### 3.3.1 Options

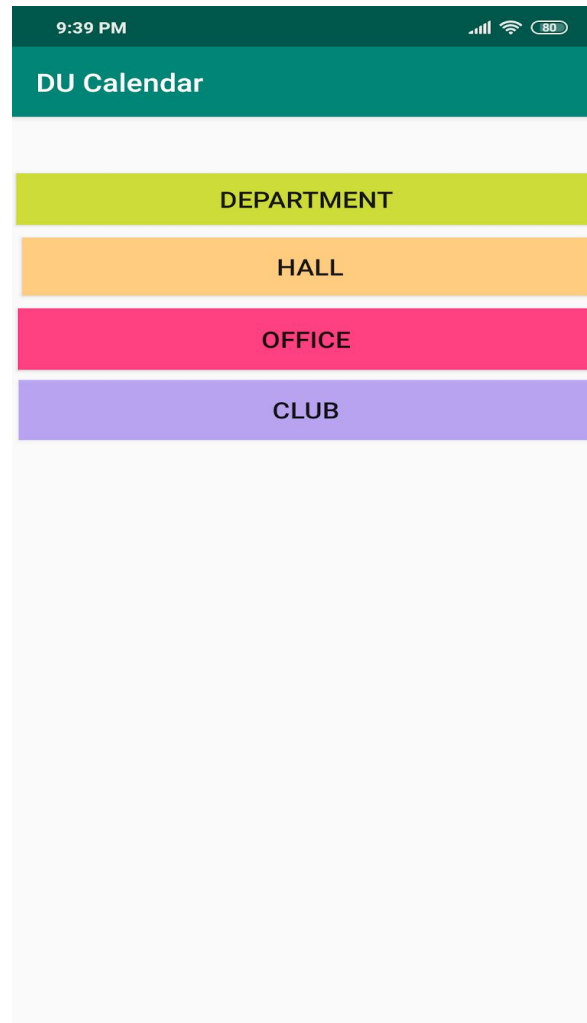


Figure: University info options



### 3.3.1.1 Departments list

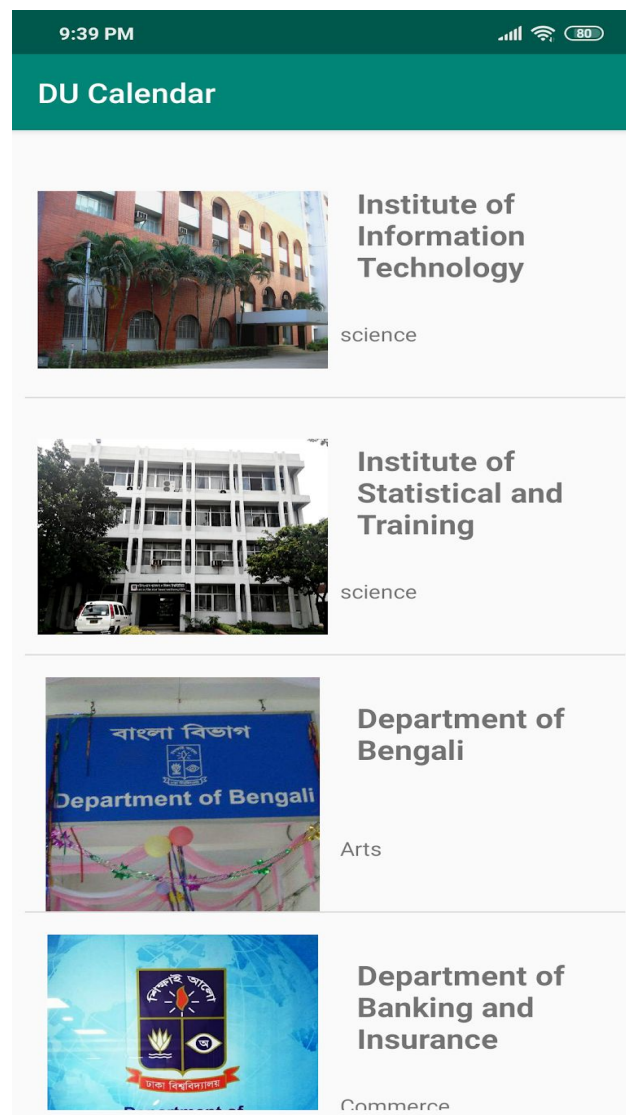


Figure: Department lists

### 3.3.1.1.1 Department specific view


9:39 PM

80

DU Calendar

Institute of Information Technology

Faculty science



Description

SEE ON MAP

To create efficient man power in information technology, the Institute of Information Technologu was established in June 2001 by converting the erstwhile Computer Centre (estd. 1985).

Figure: Department specific view

## 3.4 Calendar Management

### 3.4.1 General calendar

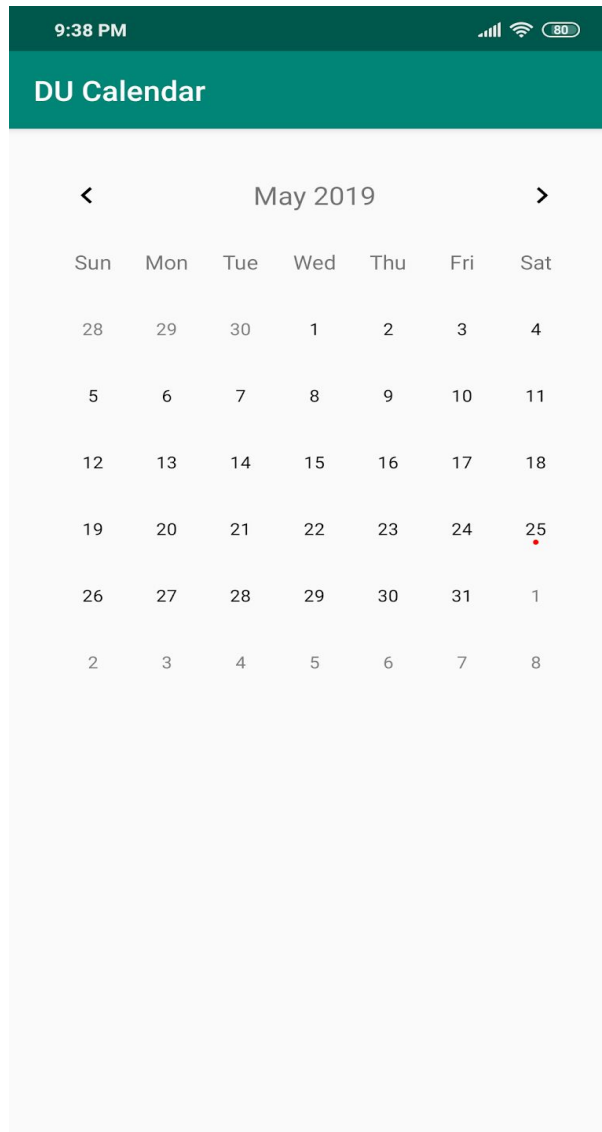


Figure: General calendar

### 3.4.2 Date specific event

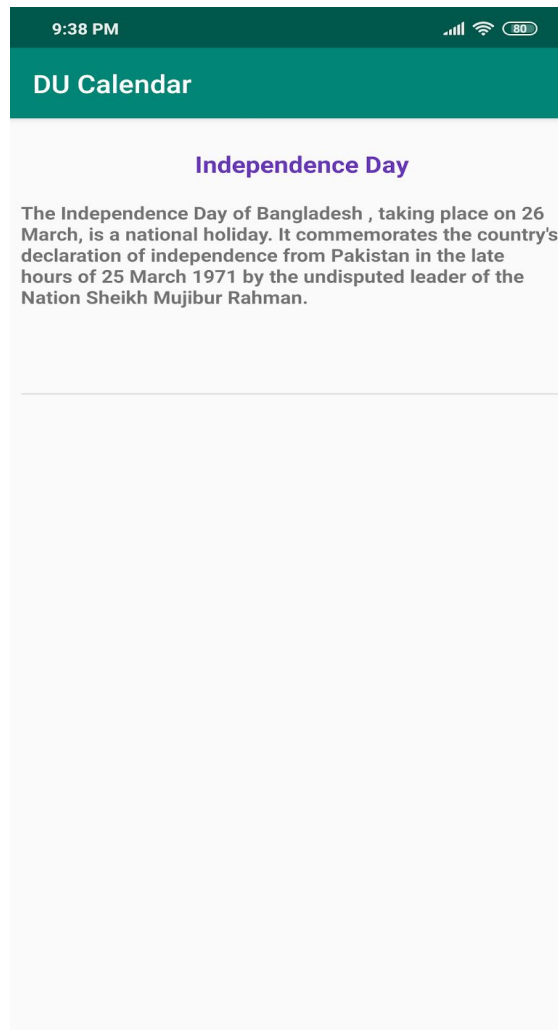


Figure: Date specific event

## 3.5 Map management

### 3.5.1 General map

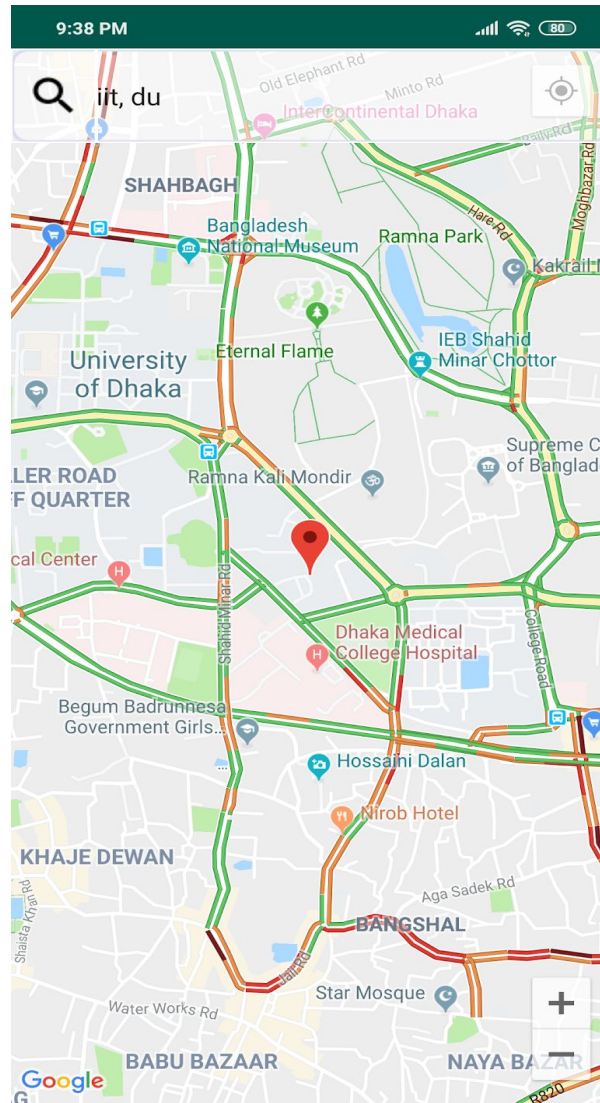


Figure: Map

### 3.5.2 Department specific map

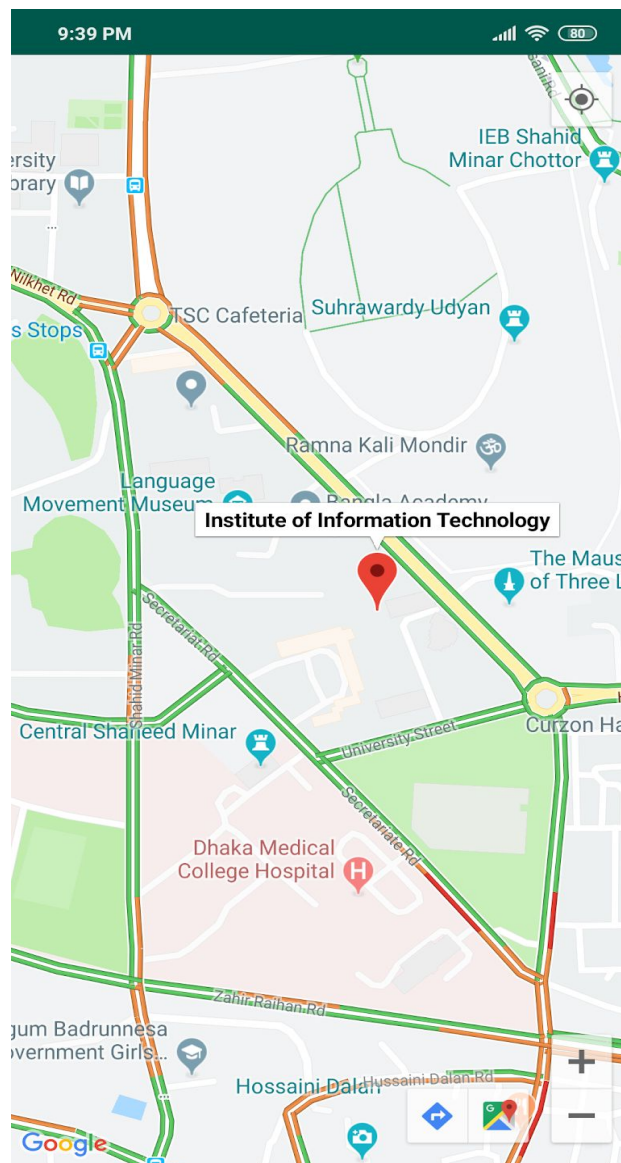
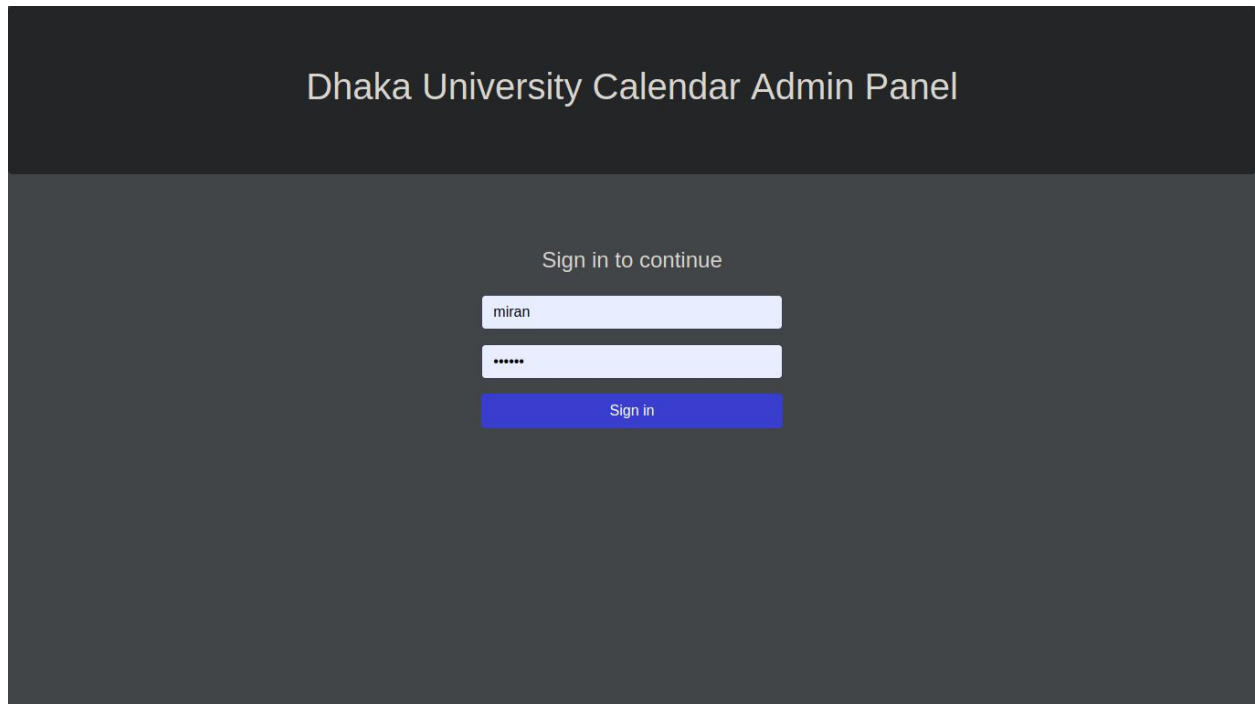


Figure: Map from department activity

## 3.6 Web portal

### 3.6.1 Authentication



The image shows a web portal login interface. At the top, a dark header bar contains the text "Dhaka University Calendar Admin Panel" in white. Below this, the main area is a dark gray. In the center, the text "Sign in to continue" is displayed. Underneath, there are two input fields: the first contains the username "miran", and the second contains masked characters "\*\*\*\*\*". Below these fields is a blue button with the text "Sign in" in white.

Figure: Sign in into portal

## 3.6.2 Department page

The screenshot displays a web application titled "Science Departments". The browser address bar shows the URL "52.29.113.22/miran/DUC/web/server\_front/science\_dept.php". The navigation menu includes "Logo", "Home", "Departments", "Offices", "Halls", "Clubs", "Buses", "Exciting Places", "Governing Body", and "Log out".

ID	Name	Description	Faculty
1	Institute of Information Technology	To create efficient man power in information technology, the Institute of Information Technologu was established in June 2001 by converting the erstwhile Computer Centre (estd. 1985).	science
2	Institute of Statistical Reasearch and Training	Institute of Statistical Reasearch and Training, popularly known as ISRT, was established in 1964 by a statue of the University of Dhaka. The renowed scientist Late professor Dr. Qazi Motahar Hussain was the founder Director of ISRT.	science
112	Department of Banking and Insurance	The vision of te Department of Banking and Insurance is to develop skilled human resources with specialized wdcation and training particularly in Banking and Financial services. Since its inception in 2004, the Department is committed to creating the needs of modern business world and trained manpower withh strong skills in business, particularly in banking and insurance.	science

Below the table, there are three form sections:

- Insert:** ID: Enter ID, Name: Enter name, Description: Enter description, Choose File (No file chosen), and an Insert button.
- Update:** ID: , Name: , Description: , and an Update button.
- Delete:** ID: and a Delete button.

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Figure: Department specific options