

# DHAKA UNIVERSITY OF ENGINEERING & TECHNOLOGY, GAZIPUR



## Department of Computer Science and Engineering

**Course No.:** CSE-2120

**Course Title:** Visual Programming Sessional

**Group No.:** 38

**Project Name:** Students management system .

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**Experiment Date:** 06-02-2022

**Submission Date:** 09-03-2022

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**Project Name:** student management system

## **Introduction:**

Student Management System (SMS) is a solution tool that is designed to track, maintain and manage all the data generated by a School, including the grades of a student, their attendance, their interpersonal activities records. Student Management System software is created to help manage the student's admissions activities, starting from initial communication to course enrolment.

## **Objective:**

design a student management system using python and kivy. In which we can control and management of all students activities of an institution.

## **Menu Item:**

1. Login
2. Registration
3. Course
4. Result
5. Academic
6. Attendance

## **Login:**

In this part have 2 section. One is admin login and another is students login. After login students are not access of all functions but admin can this. It has two entity.

1. User name
2. Password

## **Registration:**

In this part students are completed their registration. These information are stored in database. If any student don't complete his/her registration then they are not access in this system. This entities are:

1. Student Name
2. Student ID
3. Hall Name
4. Department
5. Year-Semister
6. Session

## 7. Blood Group

### **Course:**

In this part we have shown the individual student result of an individual course. A student can see the specific course details of any semester. This entities are.....

1. Student ID
2. Department
3. Session
4. Year-Semister

### **Result:**

Admin and Studnets both of them are user In this part. users can seen the result of any specific semester and total CGPA . this entities are....

1. Student ID
2. Department
3. Session
4. Year-Semister

### **Academic:**

Adimn is the user In this part. User will can see the overall records of a department or a specific semester of any batch or department. As a result admin will can any kind of decision to his present and future plan. This entities are.....

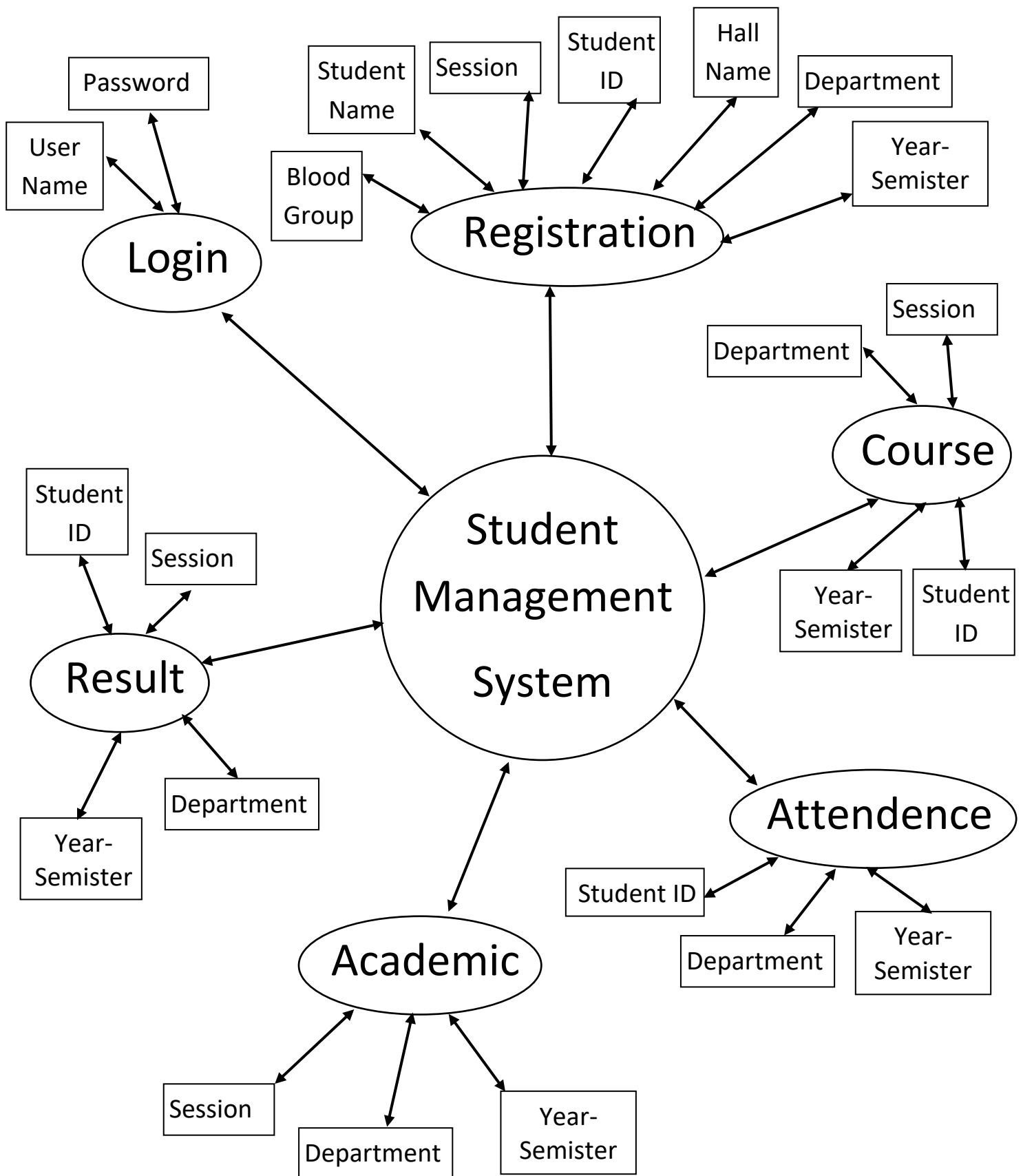
1. Department
2. Session
3. Year-Semister

### **Attendance:**

Adimn and students both of them are the user In this part. admin will can see the overall attendance records of a department or a specific semester of any batch or department.on the other hand students can see only their personal attendance details. This entities are.....

1. Student ID
2. Department
3. Year-Semister

# DATA FLOW DIAGRAM (DFD)



studentmanagementsystem

Login

Registration

Courses

Results

Academic

Attendance

ATTENDANCE RECORDS

DEPARTMENT

SEMESTER

SUBMIT

studentmanagementsystem

Menu

STUDENT MANAGEMENT SYSTEM

USER NAME

PASSWORD

LOGIN

studentmanagementsystem

Menu

# REGISTRATION FORM

STUDENT NAME

STUDENT ID

DEPARTMENT

HALL NAME

YEAR-SEMISTER

SESSION

BLOOD GROUP

REGISTRATION

studentmanagementsystem

Menu

# SHOW RESULT

STUDENT ID

DEPARTMENT

YEAR-SEMISTER

SESSION

SUBMIT

studentmanagementsystem

Menu

COURSE DETAILS

DEPARTMENT

YEAR-SEMISTER

STUDENT ID

SESSION

SUBMIT

studentmanagementsystem

Menu

ACADEMIC RECORDS

DEPARTMENT

YEAR-SEMISTER

SESSION

SUBMIT

studentmanagementsystem

Menu

# ATTENDANCE RECORDS

STUDENT ID

DEPARTMENT

YEAR-SEMISTER

SUBMIT

## Conclusion:

To complete of this long run process we can showing how can design a windows based application using python and kivy. Doig this project we took help of youtube, GUI based kivy and kivymd (kivy framework). During this long time we face many problem and try to solve all this issues. Though this project not complete totally, still we work in this project to develop this. using this project, to control all activities of a school, college, university students. In this way students are free from suffering to offline problem. they are update and seen to their all activities at any time anywhere. We optimistic that in future we can complete this project successfully.