Experiment 1.3

Student Name: PUSHPDEEP SINGH
UID: 20BCS2657
Branch: BE-CSE
Section/Group: 20BCS613/B
Semester: 4
Date of Performance: 20/03/2022
Subject Name: SE LAB

Question 1

Aim:

Development of DFD for the project.

Task To Be Done:

Draw a level 0 Data Flow Diagram (DFD) that fits the following system:
Students login with an email Id and password and the system provides access to the schedule for the current quarter. Students pick classes and enrol in them. Enrolments are recorded in rosters. The system formats rosters for each class and sends them to teachers. Teachers can drop students on their rosters.
The DFD should have more than one process, more than one source/sink and more than one data store. The words in bold in the above box should appear in your diagram at least once. You may have to invent some names.

Objective:

- The objective of Data Flow Diagram (DFD) is to graphically represent flow of data in an information system.
- It is capable of depicting incoming data flow, outgoing data flow and stored data.
- Training and Placement System is a software system that can store, update, and retrieve the information through Databases.

Requirement Analysis:

Software Requirement

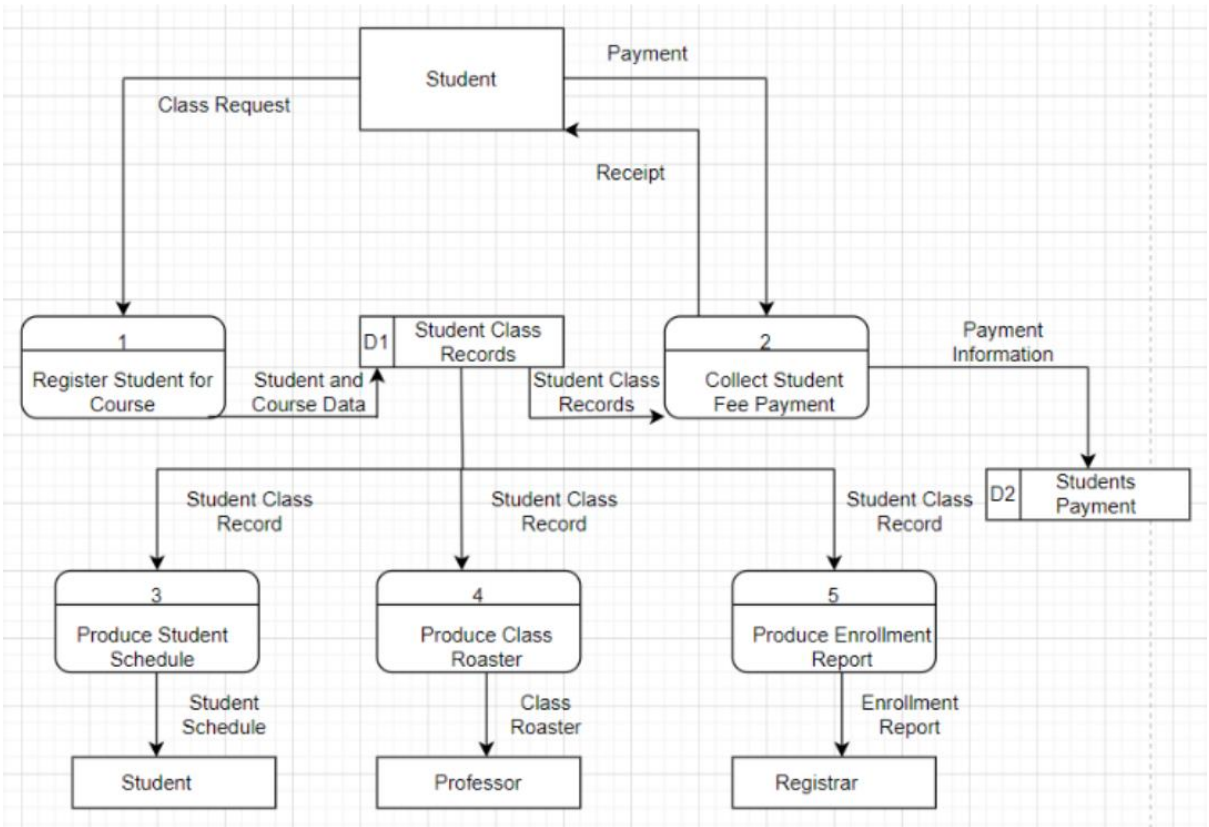
- Smart Draw
- Google Chrome.

Hardware Requirement

- Computer.
- Windows 10.
- Power Supply.

Data Flow Diagram for Student Enrollment System:

Data flow diagram is graphical representation of flow of data in an information system. It is capable of depicting incoming data flow, outgoing data flow and stored data. The DFD does not mention anything about how data flows through the system.



The Student Enrollment System Data Flow Diagram contains five processes, four external entities and two data stores.

A student can request for a class by register for the course. The student and course will be store in the student class records. After that collect the payment and on the basis of that record produce student schedule for student, class roaster for professor and enrollment report for registrar.