LONDON METROPOLITAN UNIVERSITY

Module Code & Module Title

CS6004NP Application Development

Assessment Weightage & Type

30% Individual Coursework

Year and Semester

2019-20 Autumn

Name: Sangam B.K.

College ID: NP04CP4A170033

University ID: 17030744

Table of Contents

1. Introduction

The system “Student Information System” is designed in the coursework for the fulfilment of student Course work. The features and function required to fulfil the system is designed and being developed. This system includes main page which consist of various functions like entering the data into the system which is being saved in xml file. The system can generate the chart based on weekly report, report which is done by sorting through student name and registration date. Further descriptions are well declared in other sections of this report.

2. User Manual

Add New Students

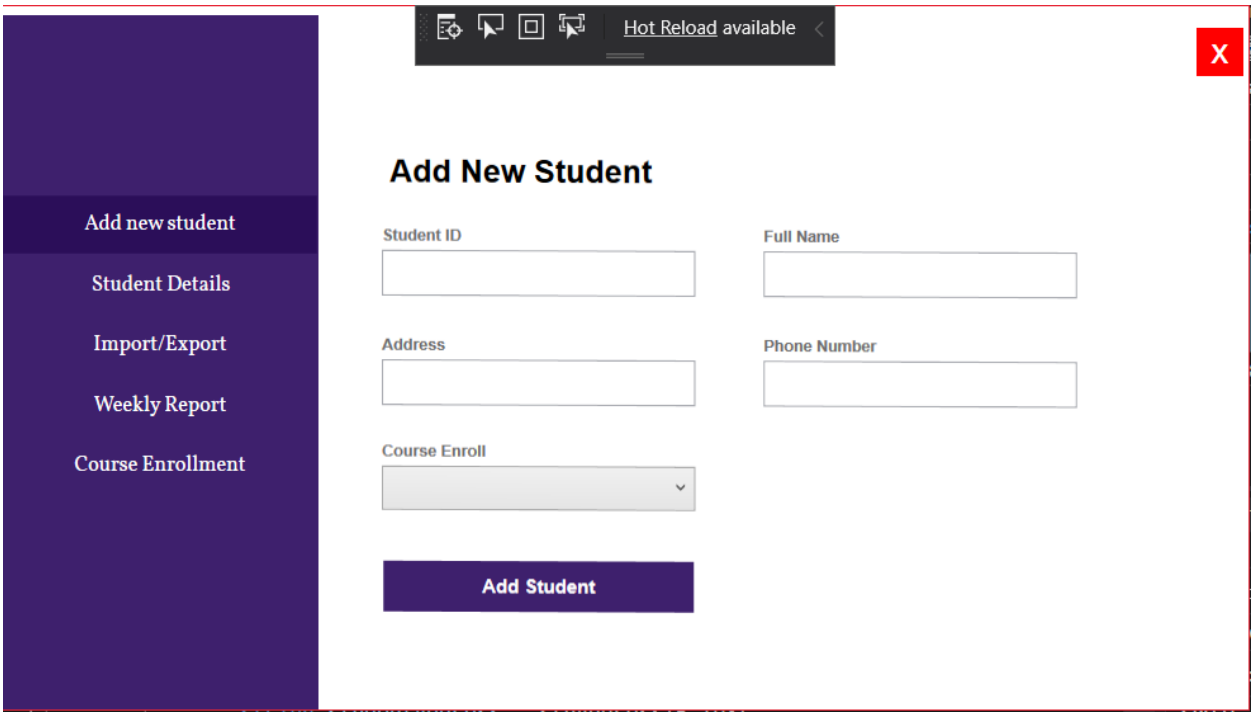

Figure 1: Add New Students

Added New Student Successfully

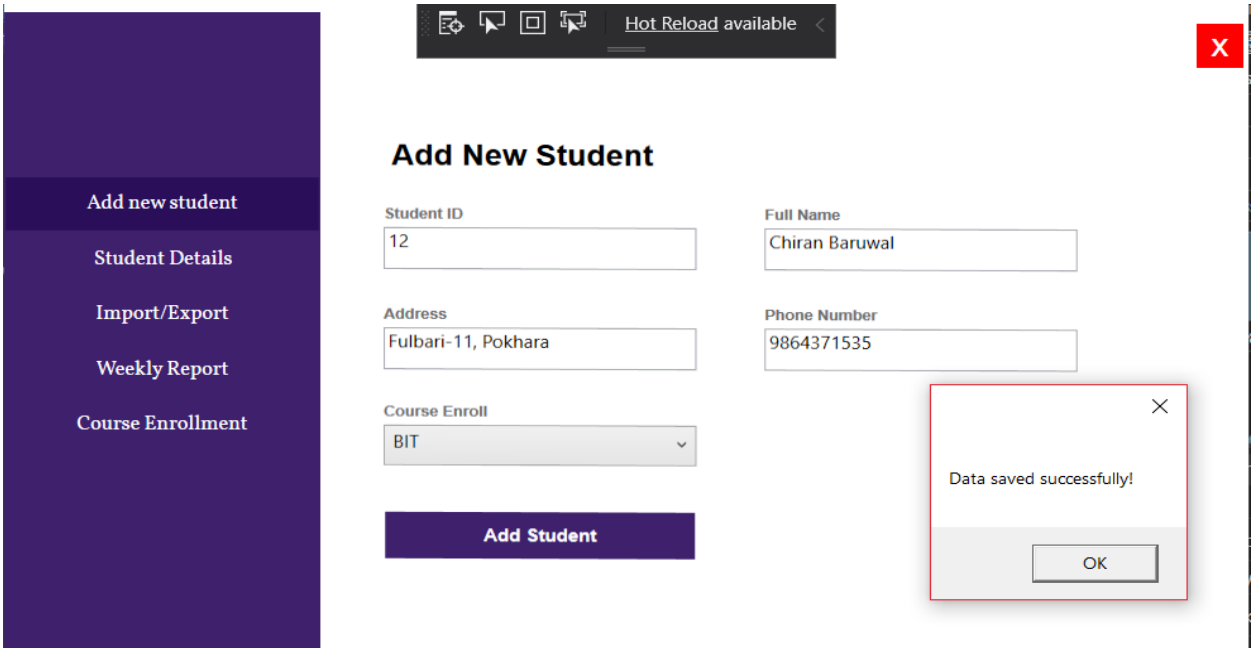

Figure 2: Added New Student Successfully

Student Details

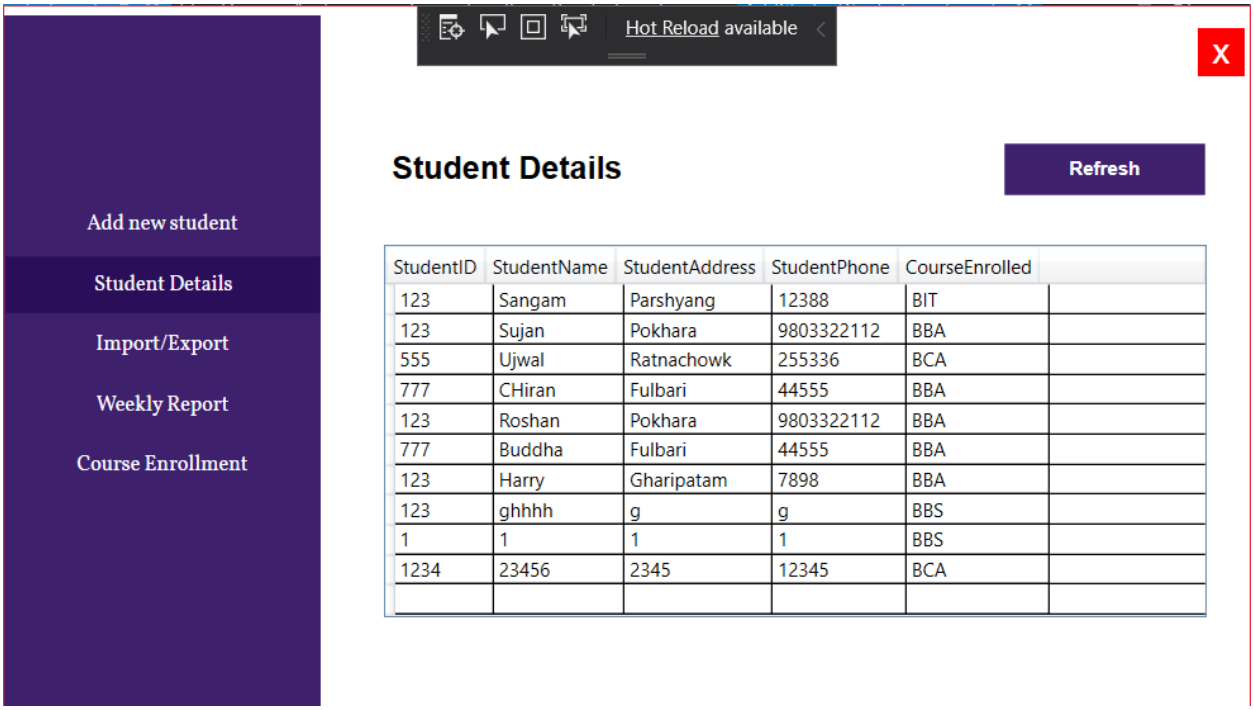

Figure 3: Student Details

Import (Import Student's file)

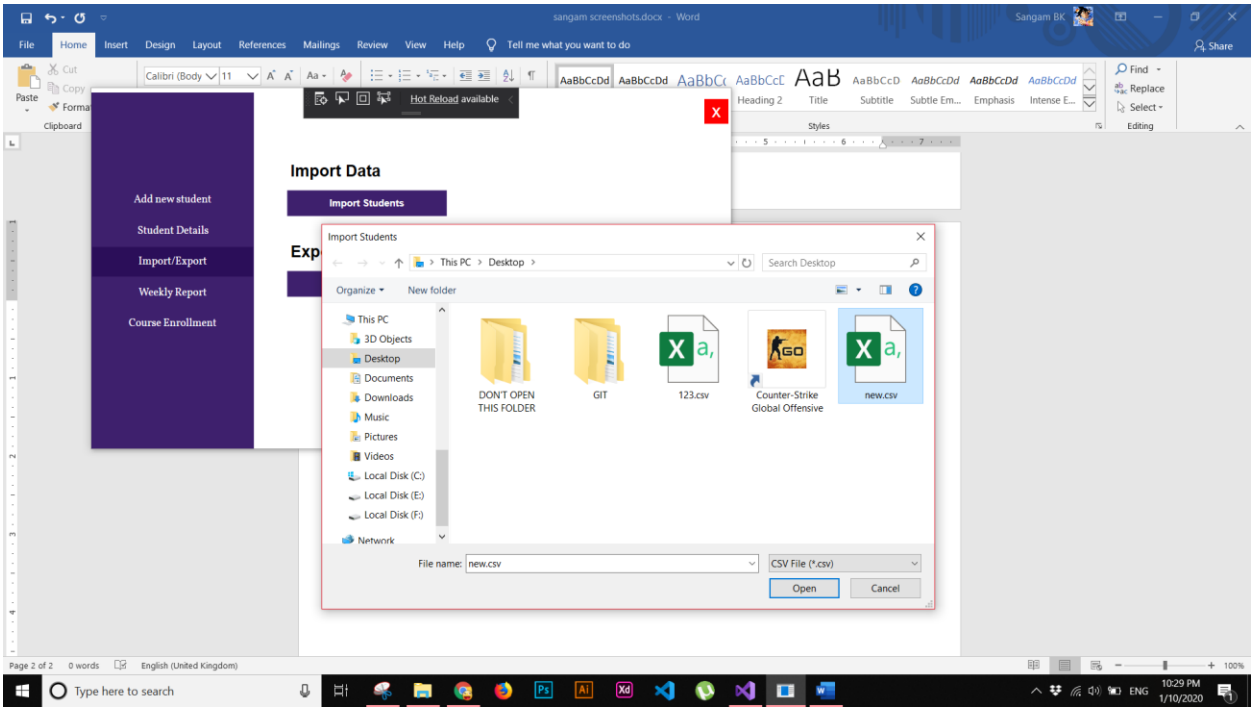

Figure 4: Import (Import Student's file)

Imported Data Successfully

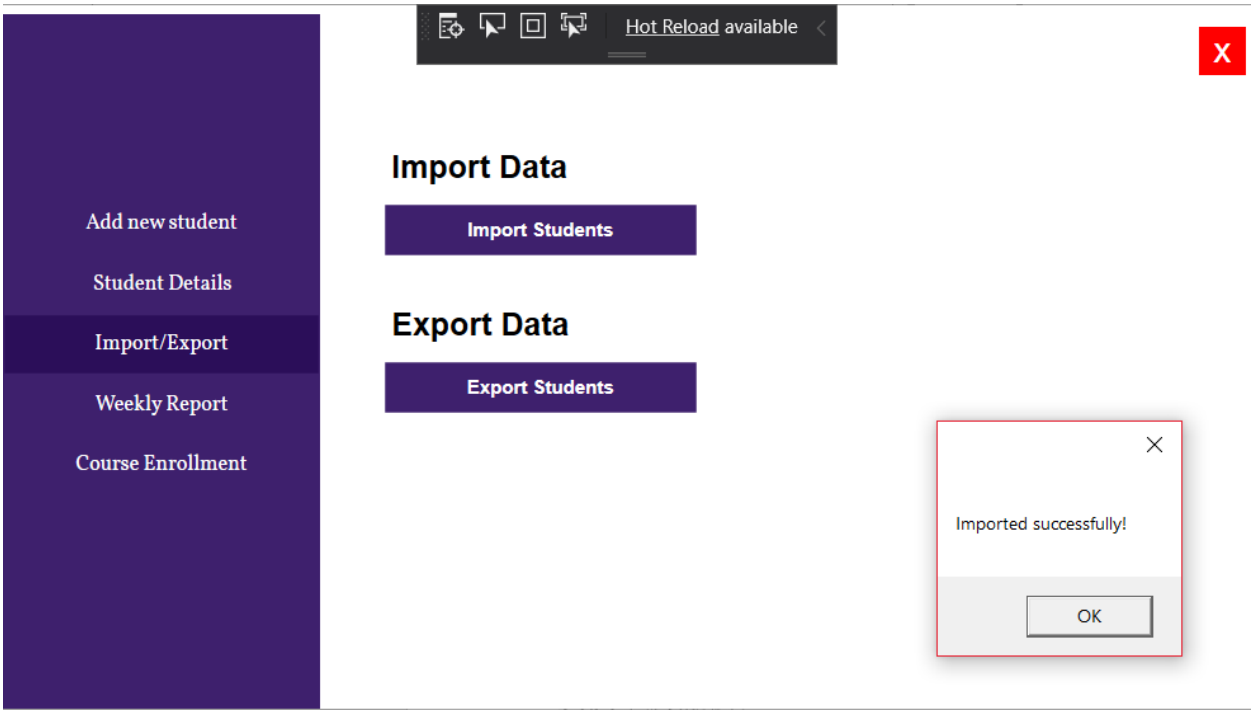

Figure 5: Imported Data Successfully

Enrolment Report

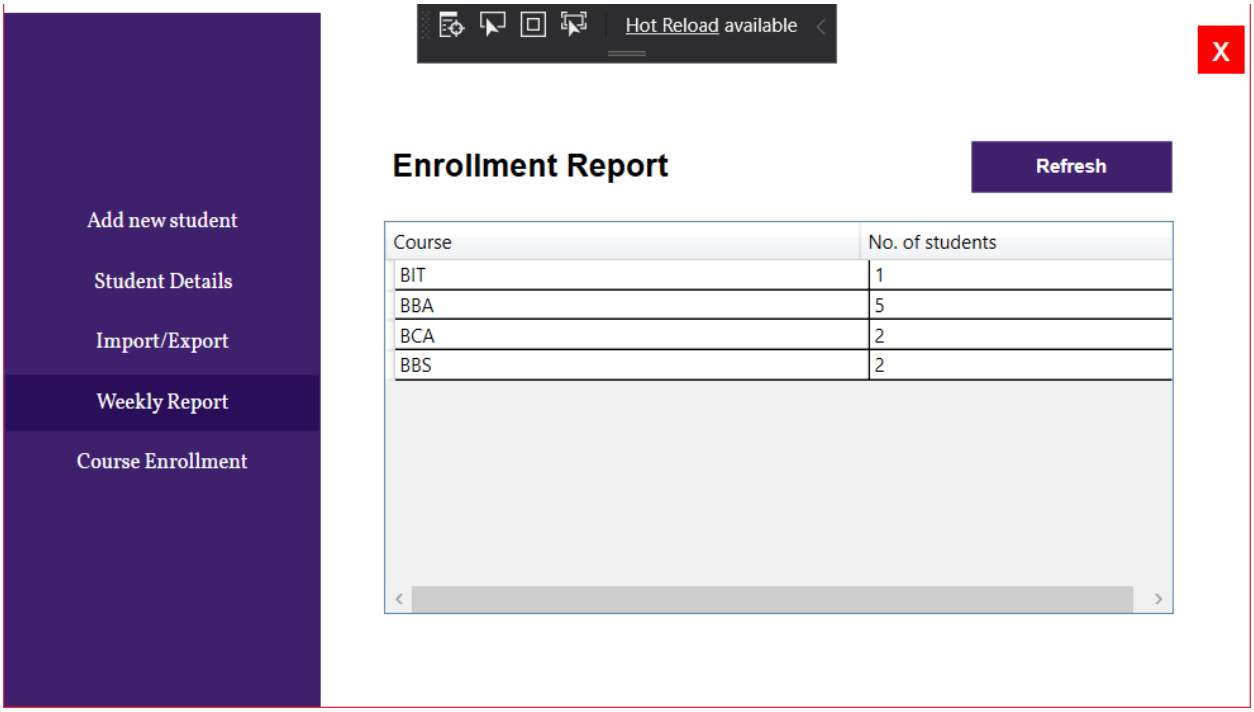

Figure 6: Enrolment Report

Course enrollment Chart

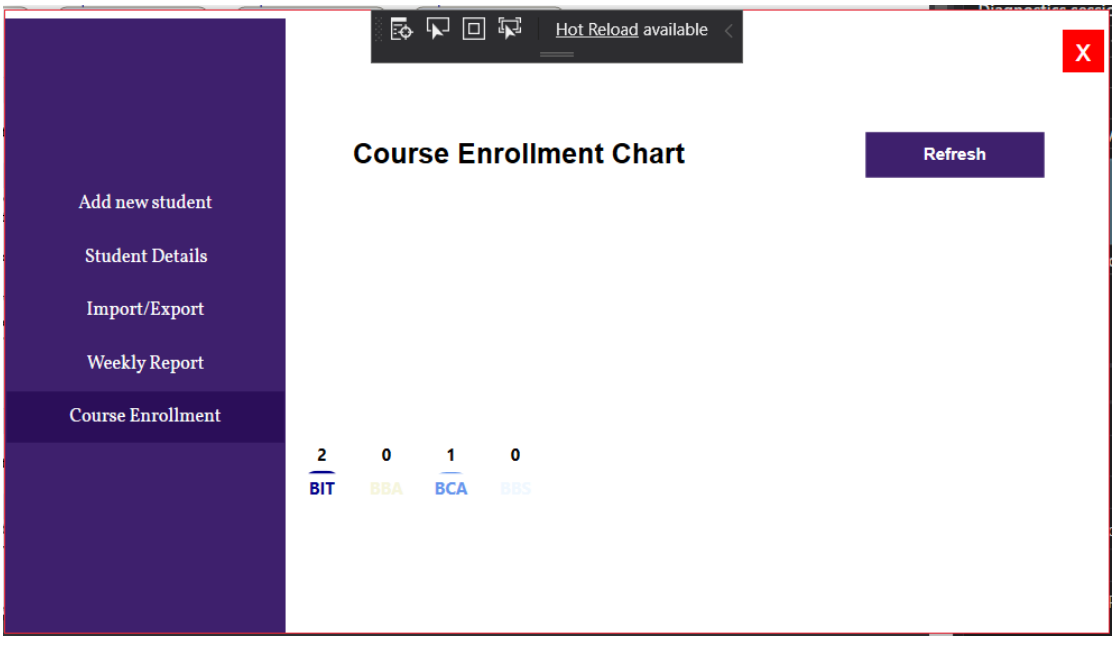

Figure 7: Course enrollment chart

3. System Architecture

3.1 Architecture Diagram

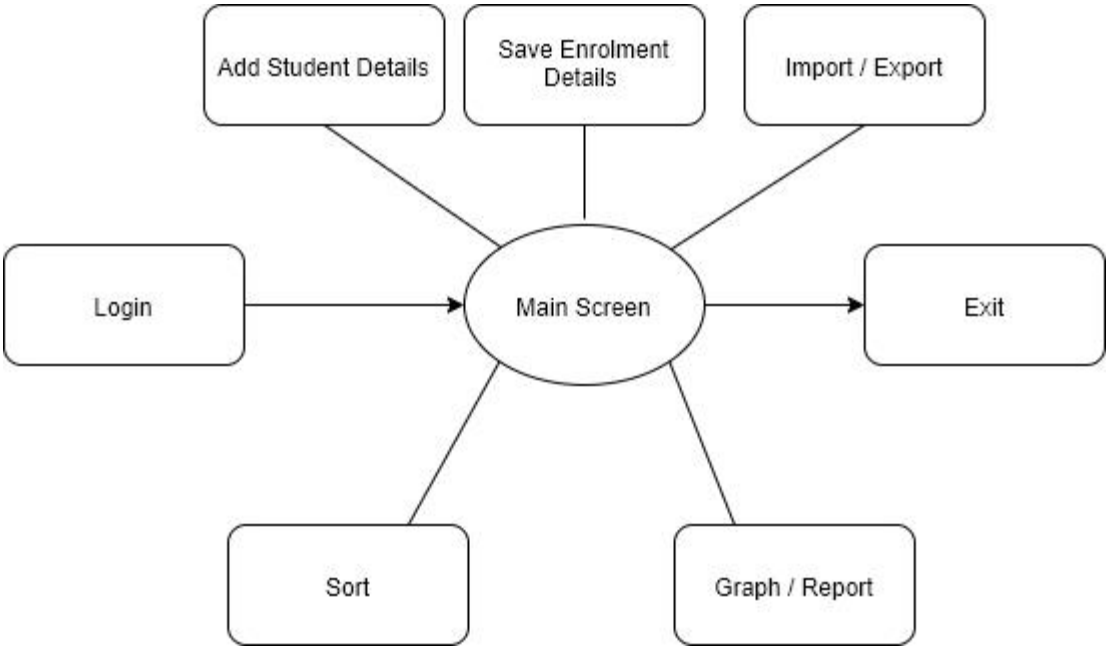

Figure 8: Architecture Diagram

3.2 Class Diagram

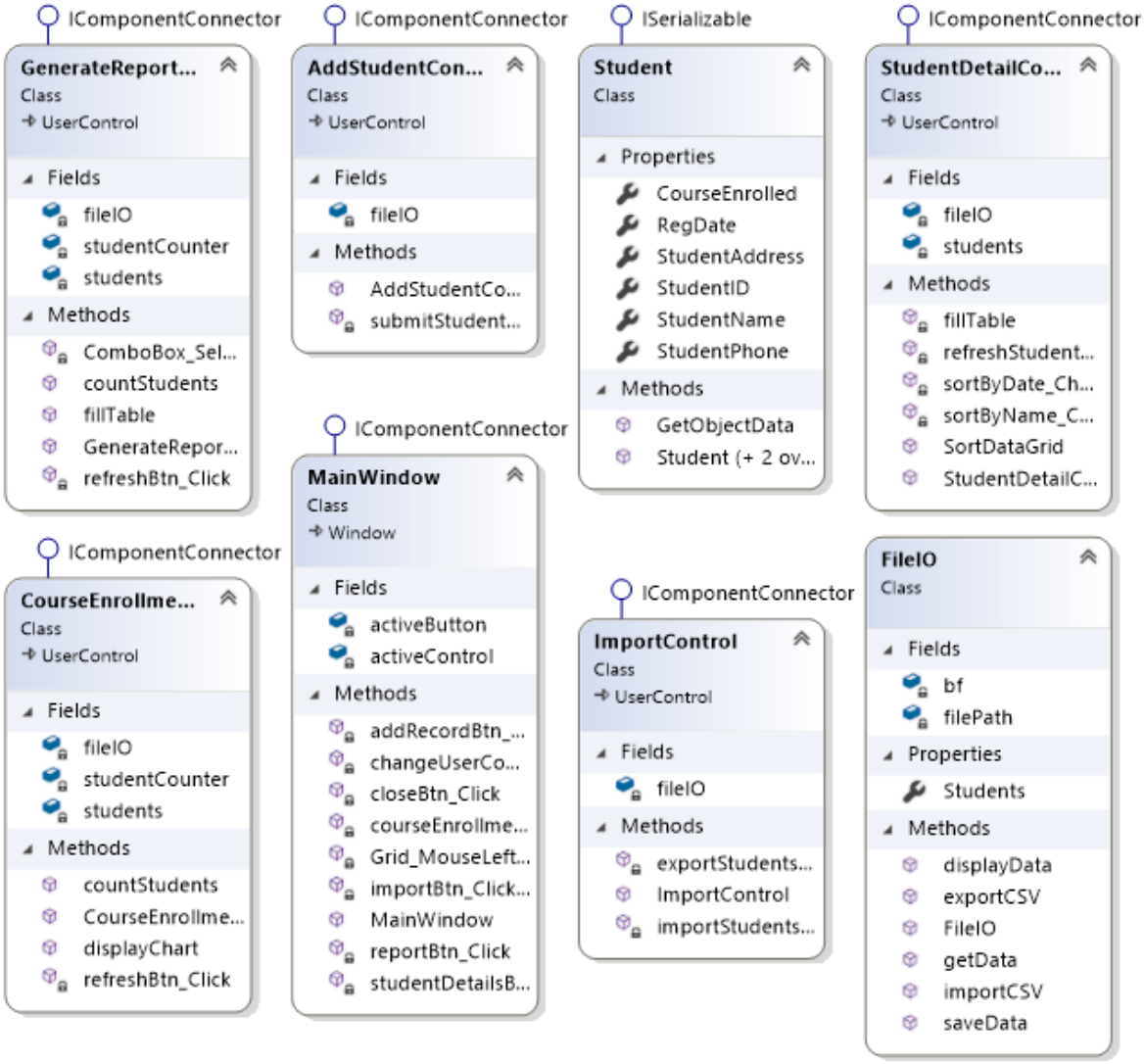

Figure 9: Class Diagram

4. Flowchart to enroll students

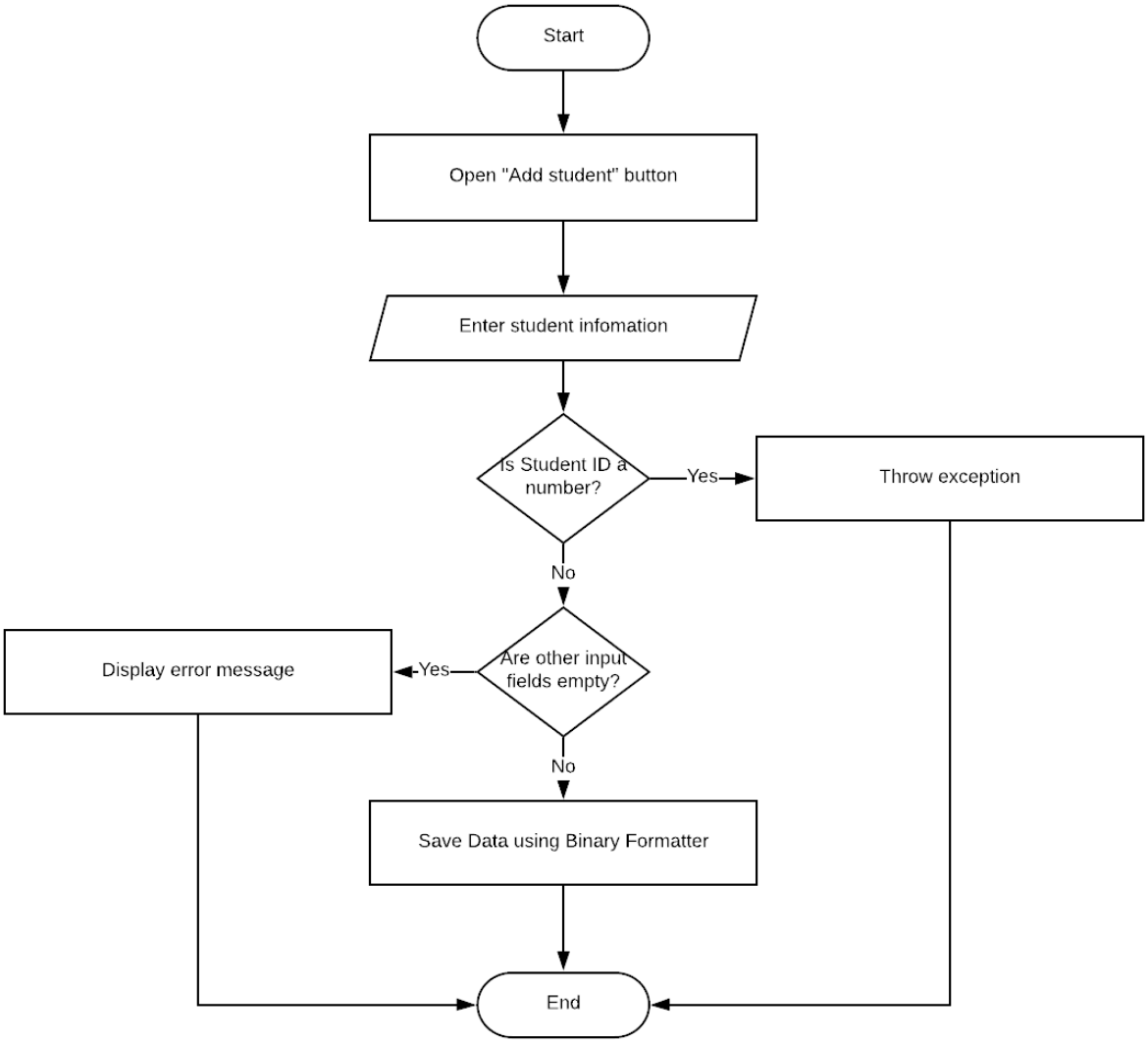

Figure 10: Flowchart to enroll students

5. Reflection

The system which I have built is Student Information System which is developed in C# language using Visual Studio. The system shows how the information of students are managed to keep under the system by filling all the required data on it. This system is designed highly user interface so that a user can easily operate it.

In this system an end user can add the student details by filling the forms and have got the option to save them in the table. And after adding the student details the user can easily get excess to the student details simply by opening the folder where all the required details of the students are stored.

Since we have been doing the different project in visual studio of another module which is application development. It was quite easy for us to understand about the task. And while doing this task lots of errors were found which were successfully solved by watching the videos on the internet and discussion with the module leader.

6. Conclusion

This system “Student Information System” is developed using Visual Studio 2019 which is being carried out in C#.Net framework. This system is used only by the selected user to whom it has been given the access to. The user will have the access to add or remove the data in the system. The data entered in the system will automatically in the xml file. The total number of the students enrolled in each course in the system will be counted automatically and showed in the graphical representation form. Adding to that information connecting the user interface with the coding was much more complicated. Lots of rough was made mind map were draw, concept was developed and dropped but finally the project is done.