In this assignment 4 types of classes are created :

**Model** – User Parent class

Student Class which is child class of User class

Instructor class which is child class of User class

**DB –**

DNB classes are create for inventory management

UserDB

Instructor DB

Course DB class

**Controller**

Controllers are responsible for communication between DB and GUI

AdminController – To handle admin related work

Student Controller – To handle Student related work

Instructor Controller – To handle Instructor related work

**GUI**

We have GUI classes for handling the user interface

AdminGUI – For handling the admin related user interface

Instructor GUI – For handling the admin related user interface

StudentGUI – For handling the student related user interface

**UserRecord.csv**

123,s,p,student  
122,stu2,password1,student  
124,i2,p2,instructor  
101,instructor2,password1,instructor  
200,a,p,admin

**StudentRecord.csv**

123,s,comp,Fall,4  
course1,CS 101,3,50,  
course2,CS 102,3,85,  
course3,CS 103,3,85,  
101,pythoo,3,75,

**Instructor Record.csv**

124,comp,Fall,1  
CS 101

**Course.CSV**

CS 101,Intro,3  
CS 102,Intro1,2  
CS 103,Intro1,2