**Minimum Expectations**

* **Coding standards best practices should be followed**
* **Implement exception handling**
* **Implement custom exception handling**
* **Implement proper collections**
* **Implement File Handling IO operations.**

Model Classes:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | Student | | StudentID(Auto increment) | | Name | | DOB | | Gender | | Class | | Section | | StaffName | | |  | | --- | | Staff | | StaffId | | StaffName | |  |

Write a menu driven program.

# Add Staff to the system

* Ensure staff Id does not repeat , throw exception message “Staff ID Exists”.
* Ensure StaffName is not null, throw exception message “Staff Name should not be Null”.

# Add Student to the system

* Ask user to enter Staff name to map the Student .If user enters wrong Staff name throw exception “Invalid Staff Name ”.
* Success message “Successfully added”

3.Display all Students as per Staff,

for eg : if user inputs “Saroj” it should display all the Students.

4.Display all Students as per Class,

for eg : if user inputs II it should display all the Students in 2nd class.

**5.Display all Students and write it in text file.**

For eg. Give a line after writing each Student in text file.