**GROUP: - 4**

**NAMES: - (1) Zafer Hakan Kalafat (N01468413)**

**(2) Rushil Patel (N01422375)**

**SECTION: - ITC-5102-RNB**

1. **FAST (main/starting) CLASS**

* Main page for logging in the system.
* Checks the credentials and allow functions to perform for each user.
* Types of login allowed: Admin, Student, and Instructor.
* **Admin Functions: -**

1. Add a Student
2. Add an Instructor
3. Add Course
4. Print Instructor
5. Print Student

* **Student Functions: -**

1. Print Courses and Grades
2. Add a course
3. Drop a Course

* **Instructor Functions: -**

1. Print Students in Course
2. Add a Course
3. Print Courses
4. **STUDENT CLASS**

* Used to implement student data related functions like: -

1. getStudents – used to get all the students in the system.
2. setStudents – used to enter data of student type.
3. enrollCourse – used to enroll student for a new course.
4. withdrawCourse – used to withdraw student from a new course.
5. **INSTRUCTOR CLASS**

* Used to implement instructor related functions like: -

1. setInstructor – used to enter data of instructor type.
2. getInstructors – used to get all instructors in the system.
3. addCourse – used to add a course for instructor.
4. **COURSES CLASS**

* getCourses – used to get all courses in the system.
* setCourse – used to add course type data.