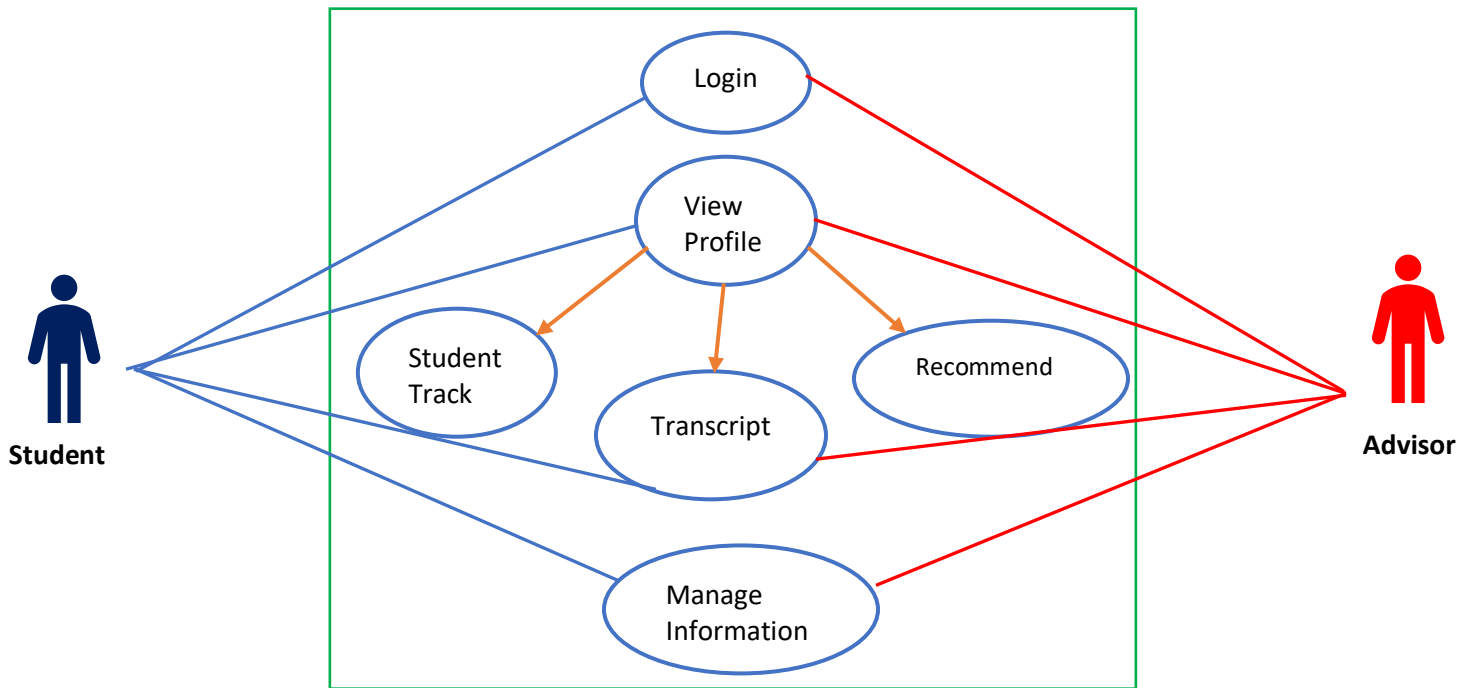


View
Profile

Use Case Diagram: This diagram assumes the user is registered.

Advising Assistant



Use Case Description:

Actors:

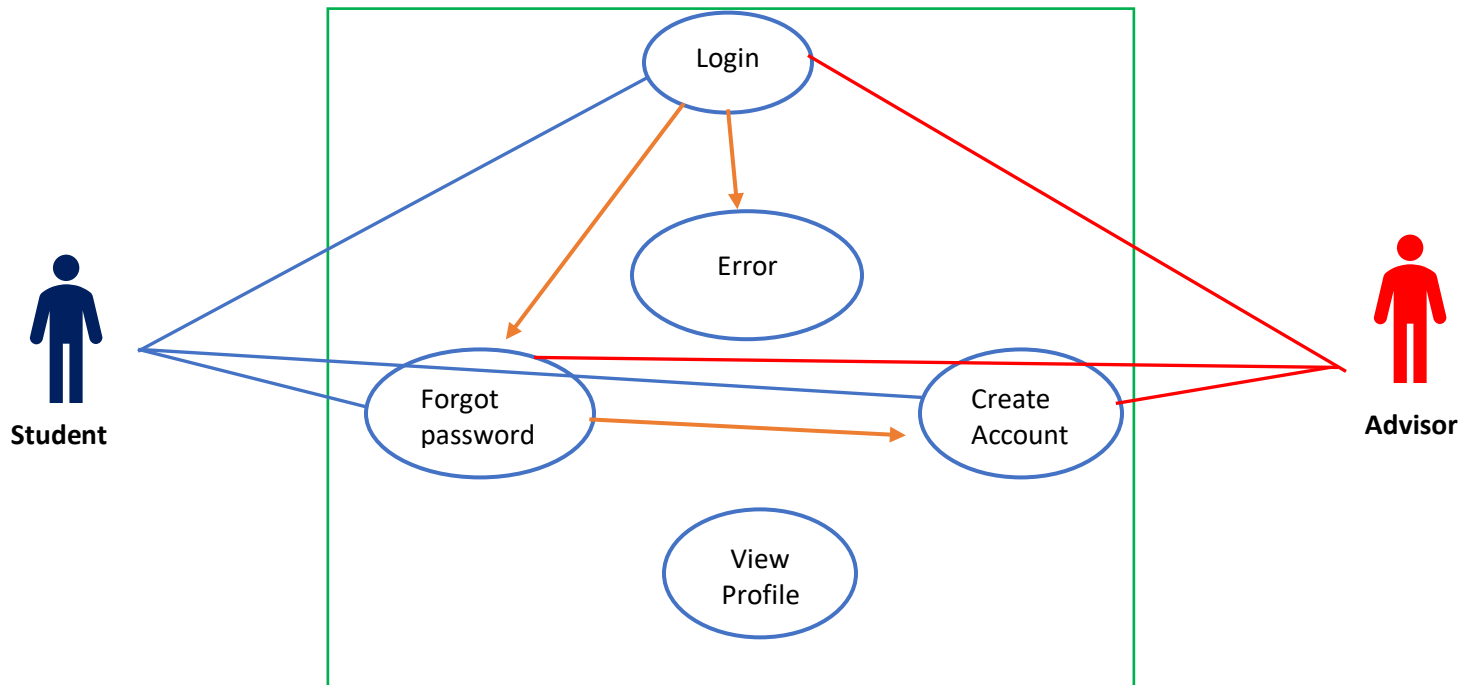
Student: The Student can log into the system, print their transcript, and check what courses they need to fulfill their degree plan. A recommendation report is also generated for classes a student needs to take the next semester

Advisor: The advisor can see a student's schedule, degree plan, and transcript. A recommendation report is also generated based on the classes a student needs to take the next semester

1. **Login:** The Student and Advisor need to login using their username and password to use the program.
2. **View Profile:** Shows the name of the Student/Advisor. Displays major, and a tab to navigate through the rest of the school items.
3. **Student Track:** Displays the Student's currently enrolled courses. Also displays a degree road map, highlighting the already taken courses.
4. **Transcript:** Displays a Student's unofficial transcript that can be printed.
5. **Recommend:** Generates a report based on classes taken and recommends the next set of classes a student may need to fulfill a degree plan.
6. **Manage Information:** Every registered Student and Advisor can view and update their personal information, such as email and password.

Use Case Diagram: This diagram assumes the user is **NOT** registered.

Advising Assistant



Use Case Description:

Actors:

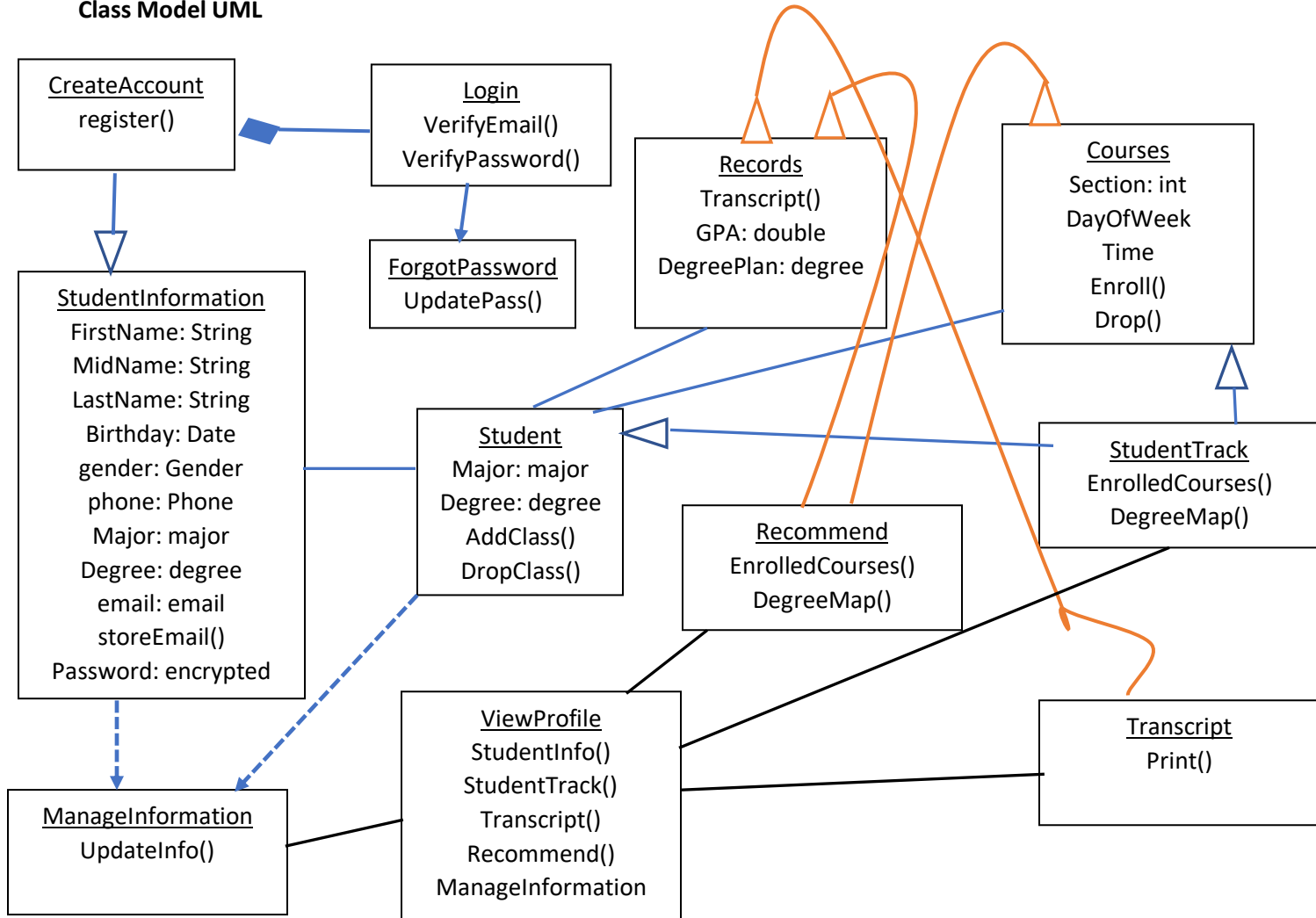
Student: A Student with an inactive account or forgotten password registers to use the program.

Advisor: An Advisor with an inactive account or forgotten password registers to use the program.

1. **Login:** If there is an error while logging in, then the user must have either forgotten the password, or not have a registered account. The **Login** screen has the **Forgot Password** link.
2. **Forgot Password:** A link will take direct the registered user to a tab with the appropriate steps for updating a password.
3. **Create Account:** If the user does not have an active account, then the user will be directed to a tab where they will register with the school email and create a password. The **Create Account** link will be available in the **Forgot Password** tab.
4. **Error:** If the proper credentials are not submitted at Login, then the program will display an error message. After 7 failed trials, the program will be locked for 30 minutes.

5. **View Profile:** The user may now access the profile page after taking the proper steps in correcting their login information.

Class Model UML



Data Flow Diagram

