Functional Requirements:

1. User Registration

2. Sign in / sign out capabilities

3. Search for a course by course code, course name, or department

   a. Allow students to search for course prerequisites

4. Course recommendations for required courses (major specific and general)

5. Course recommendations for elective courses

6. If unable to answer the question, provide the contact information for the students personal advisor

7. Respond accurately to frequently asked questions

8. Integrate the AdvisorBot with the student portal

9. Incorporate with computer systems accessibility services

10. Logs history of each individual user

11. Switch between different roles (i.e. student, advisor, etc.)

12. Text-box available for user input

13. Button menu along the top, providing access to a What-If section, a search section, and a user profile section

14. User will be able to view chat history upon request

15. A welcome message from the AdvisorBot will appear upon user sign in

Non-functional Requirements:

1. The AdvisorBot should quickly and efficiently search for the courses or major information that it needs

2. The user should be able to change the color scheme based on their individual needs

3. The system should be reliable and have multiple users at once