Functional requirements:

1. The system shall get the student data.
2. The system shall highlight the plan based on the generated data.
3. The users shall highlight any additional courses if needed (e.g., Suggested courses).
4. The student shall have the choice to enroll on any highlighted/available course.
5. The student shall be able to request an exception.
6. The student shall be able to include the request's reason.
7. The system shall provide a prepared document when an exception is requested, including (The course, pre-request, GPA, justification, etc.).
8. The system shall auto-send the document to the advisor.
9. The advisor shall be able to review the document and decide (approve/ disapprove).
10. The HoD shall be able to review advisor decision.
11. The advisor and the HoD shall be able to add their reasons or feedback when the decision is made.
12. The system shall be able to add the courses when the exception is approved.
13. The system shall notify the student with the outcome.

Non-functional requirements:

- Useability: the system should be easy to use for all users providing them with colorful, and different views.
- Efficiency: the system should be working in efficient way without crushing and be able to handle a huge amount of data.
- Security:
  - The user's information should not be accessible by other users except for the HoD and the advisor.
  - The user should log in using his/her University credentials.