

Use Case Name: Create Degree Planing Report for Graduate Student

Scope: Graduate Degree Planing and Audit

Level: User Goal

Primary Actor: User

Stakeholders and Interests:

- User: Wants to make a degree planning report with minimal effort. Wants to be able to save the report and student object on desired location
- Graduate Student: Wants the degree planning is corret and up to date
- UTD System: Wants all current catalog, gradute degree offering is complete and accuracy
- System Maintenance Staff: Wants application design, data storage is easy to maintainence. Wants to add more features to the application if necessary in the future

Preconditions:

- The student transcript is available
- User has the proper security level access all the necessary information: Username, Password

Success Guarantee (or Postconditions):

- The degree planning report is generated correctly
- The student object is updated with new information
- Both report and student object are saved in the user's desire location

Main Success Scenario:

1. User open the application's UI
2. User click on "Browse Files" button to open window directory
3. User navigate to the student transcript file PDF
4. The application show the selected file
5. The app prompt User to specify track/degree plan
6. User select the options
7. The app show a list of pre-reqs (Check List Type)

8. User choose the pre-reqs from the list
9. The app prompt User to specify Fast Track/Thesis
10. The app enable the “Next” button
11. User click on “Next” button
12. The app launch the editable graphical representation of degree plan
13. User perform further edit as necessary
14. User click on “Generate Report” button
15. The app automatic create the student object and ask user where he want to save it
16. User select the folder he want to save the student object and hit “Save” button
17. The app generate the Degree Planning Report and ask user where he want to save it
18. User select the folder he want to save the report and hit “Save” button

Extensions (Or Alternative Flows):

3a. User navigate to student object.

1. The app launch the editable graphical representation of degree plan
2. Repeat step 12 in Main Scenario

Special Requirement:

- The app be able to verify User’s identification using Username and Password
- The app can be launch without the need of open python editor

Technology and Data Variations List

- The app must be able to communicate UTD system to access the student transcript and student object
- The app must have a simple and easy to use interface

Frequency of Occurance: Per as user need

Miscellaneous