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|  |  | Advising Assistant  Requirements Document |

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1. Functional
2. Usability
   1. Ease of Use
   2. Accessibility
3. Maintainability and Support
4. Security
   1. Access

## *Requirements*

Requirement #1

* **Type:** Functional
* **Description:** When first selecting a major, the user will see a default graduation plan designed for most students
* **Rationale:** Adjusting an existing plan with all the courses present may be easier than creating one from scratch.
* **Fit criterion:** Once a major is selected the courses given will match the list from the academic catalog. Prerequisites will be listed before an class that requires them.
* **Priority:** High

Requirement #2

* **Type:** Usability – Ease of use
* **Description:** After inserting your ID number and major, the user should understand how the product works
* **Rationale:** From starting the program to creating a map; students should be able to use this program within minutes of opening it.
* **Fit criterion:** Once all information is inputted and a map is displayed, the all-around understanding should be within 5-7 minutes

**Priority:** High

Requirement #3

* **Type:** Usability - Accessibility
* **Description:** The product should aid all disabilities
* **Rationale:** I suffer from dyslexia, so I think the map is the best way to help students who need a visual aid because when there are so many words, confusion begins. Pictures and box help with organization and readability.
* **Fit criterion:** All items on the map will have a specific color.

**Priority:** High

Requirement #4

* **Type:** Security - Access
* **Description:** This product will be available to all CSU Computer Science majors
* **Rationale:** Students will be computer science majors
* **Fit criterion:** Users who have clearance to access the data will have the information to access the product.

**Priority:** High