Non-functional & Functional Requirements

Functional

1. A user can log in. : **High**
2. A user can log out. : **High**
3. A user can ask the system questions. : **Highest**
4. A user can ask questions with both text and voice input. : **Low**
5. The system should conduct textual analyses. : **High**
6. The system should gather data unique to each user. : **Medium**
7. The system should create a personality assessment unique to each user based on the data gathered. : **Medium**
8. The system should recommend majors suitable for the user based on the personality assessment. : **Medium**
9. The system should recommend courses based on the recommended majors. : **High**
10. The system should summarize this data to be used by an advisor directing the student. : **Medium**

Non-functional

1. A user can enterbetween 100 and 600 words to describe their academic and professional interests. : **Product/Usability: Highest**
2. A user can have their personality assessed through 100 words of self-description. : **Product/Usability : Medium.**
3. A user log-in should occur within 5 seconds. : **Product / Performance : Low**
4. A user has 1 hour from point of login to submit a question. : **Product / Usability : Highest**
5. The system’s voice-to-text service should process within 5 seconds of voice submission. : **Product / Performance : Low**
6. A user should be shown 10 questions/searches related to their initial search within 5 seconds of submission. : **Product / Usability : Low**

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| Description | Product/Performance |
| ***System should be able to give a personal assessment on a user’s text file description of 100-600 words.*** | ***Highest*** |
| ***System should be able to calculate and output user’s academic and professional interests based on at least 5 similar subject questions, and update base on every question after that for each user.*** | ***Highest*** |
| ***A user should finish login in 5 seconds after submit username and password*** | Low |
| ***A login user has 1 hour session before session expires*** | Low |
| ***The voice to text should finish all process and respond within 5 seconds*** | Highest |
| ***The response time of retrieving answer should be controlled under 5 seconds.*** | ***Highest*** |