**Requirements Document**

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**Introduction:**

This document is to describe the requirements needed to create an Amazon Alexa skill to interface with Adelphi University’s academic calendar. We will show a detailed list of functional and non-functional requirements. The functional requirements will be prioritized using the MoSCow method and all requirements will fit the SMART criteria.

**Functional Requirements:**

Must have:

* Should respond when asked when:
  + Open planning begins
  + When registration begins for graduate students/undergraduate students
  + Fall break
  + First day of classes for term and year
  + Last day of classes for term and year
  + Matriculation day
  + Finals begin
  + Finals end
  + Last day to add a course for specific term and year
  + Last day to drop a course for specific term and year
  + Last day to add independent study
  + Last day to process course section change
  + Last Day to Change Course Grading Option
  + Last day to withdraw from a course

Should have:

* Should respond when asked what days are off for holiday

Could have:

* The skill will also be functional for future semesters
* How many days until the last day of class
* Find the specific day of the week a specific event falls on
* Depending on the event will customize response (ex: finals- good luck with finals)
* Can have a conversation about Adelphi

Won’t have:

* The ability to explain the events on certain days
* Specific dates for finals for courses

**Non-Functional Requirements:**

* Javascript
* Alexa responds in a reasonable amount of time
* Alexa must be honest and polite (a good upstanding citizen)
* Alexa should not disclose sensitive student info or sensitive university info
* Failure: Alexa understands student question but is unable to provide an answer
  + Should have a 0% failure rate