Use Case for Generating Map  
Use Case: Generate Map  
Primary Actor: Prospective UMSL Student  
Goal in context: To produce a functional map for UMSL graduation that can be either restarted, edited, or saved.  
Preconditions: User has submitted details such as completed/waived classes and preferred number of semesters.  
Trigger: User submits details and course preferences  
Scenario:   
1)  Map successfully generates based off of user preferences and the map can be restarted, edited, or saved  
Exceptions:  
1)  User submits improper details such as improper format input: User alerted that format is improper and redirected to recreate the user preferences.  
2)  User preferences are incompatible with map generation: User alerted that their preferences cannot be mapped and prompted to use inputs with more credits or more semesters.

Priority: Essential, must be implemented  
Secondary Actors: None