Feature 1: Student Registration Filtering System (Interest Search)

- **User Epic Story 1**: As a member of the student body at Michigan Tech, I would like it to be easier to filter and select classes in accordance with my needs.

    - **User Story 1.1**: As a college student, I want to be able to easily filter classes based on my degree requirements
      Acceptance Criteria / Tasks:
    1. The filter should eliminate degree requirements already fulfilled.
         a. Eliminate degree requirements already taken within the university
         b. Eliminate degree requirements fulfilled by transfer or AP credits
    2. The filter should account for all majors, minors, and concentrations
    3. This filter should not include core and HASS requirements (this will be a separate filter)
    4. The filter should identify and alert the user of prerequisite courses required for courses

    - **User Story 1.2**: As a college student, I want to be able to easily filter classes based on HAAS/Core interests
      Acceptance Criteria / Tasks:
    1. The filter should eliminate courses which are unavailable at the time of the student's registration
         a. Class is full
         b. Class has been taken
    2. The filter should identify which requirements each student has yet to fill
         a. This should filter by needed core credits first
    3. The filter should be easy to navigate and browse through options
         a. User-friendly and simple UI
    4. The filter should separate HASS classes by category
         a. Social Sciences
         b. Humanities
         c. Arts
    5. The filter should identify and alert the user of prerequisite courses required to take specific classes

    - **User Story 1.3**: As a college student, I want to be able to easily filter classes based on timing issues
      Acceptance Criteria / Tasks:
    1. The system should allow students to filter by day, time, semester, and professor
    2. The filers should account for classes overlapping when multiple classes are selected (an error message or symbol shown **could be implemented in the schedule display setting made by browse team)
    3. This filter should display all timing options offered for classes

4. Students registering should be able to look at multiple iterations of their possible schedule

- **User Story 1.4**: As a college student, I want to be able to easily filter classes based on professors teaching the class
  Acceptance Criteria / Tasks:
1. The filter should contain all professors
2. The filter should show all classes taught by a specific professor
3. The filter should be linked to RateMyProfessor to give the user a better idea of the professor and course itself