Project Team Name and Number: GradScout - Team 14

TA Name: Dave Randell

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**I. Summary of Progress/Milestones Reached (since last reporting period)**

1. Market Research - ongoing feedback on the product and commercial potential of the product
   1. Conducted interviews on UW campus with prospective graduate students and current graduate students to understand the potential of our idea, some more validation of the relevance of the problem to students, their feedback on GradScout and its functionalities.
   2. Insights gained:
      1. Commercial Potential (pricing):  
         Note: Interviewers were given a chance to choose multiple price points.
         1. Freemium Model: 33.3% of the students
         2. $10 per month: 33.3% of the students
         3. $15 per month: 33.3% of the students
         4. $5 per month: 20% of the students
         5. $25 per month: 6.7% of the students
      2. Relevance of the problem identified and our solution:
         1. Does the problem actually exist?
            1. Yes: 80%
         2. Will GradScout solution help solve the issue?
            1. Yes: 93.3%
      3. Common feedback gained:
         1. People would like to have a free trial before upgrading to the premium subscription
         2. Filtering programs based on ranking
2. Front-end design is ready
   1. Home page - Completed
   2. Results page - Work in progress
3. Filtering Module
   1. The filtering module based on the Firebase data is up and running
4. Testing
   1. Performed the unit tests on the filtering module. We need to handle the different user input scenarios.
      1. For example, the current filtering part allows users to filter based on just one location parameter (Only one state, City or Region can be the input). After the unit test, we decided to have multiple inputs for location to enable users see the programs from different locations at once.
5. Matching Algorithm:
   1. One iteration of the matching algorithm is completed without the Object Oriented Structure of the code.
      1. Converting the Python notebook code into Object Oriented structure to integrate with the filter module
   2. Confidence percentage for each specialization with respect to the program is completed.
6. Video Presentation:
   1. Making of the video is 70% completed.

**II. Deliverable/Milestone Status (since last reporting period)**

* Green
  + Changes to frontend
  + Filtering algorithm for the programs based on the user input
* Yellow
  + REST API
    - Python REST API with Flask
  + Integration
    - Front End with Back End
    - JavaScript for Dynamic HTML and Back End connectivity
* Red – NA

**III. Resource Status (since last reporting period)**

* Green – All required resources available to continue progress

**IV. Sponsor Status (since last reporting period)**

* Green – Sponsor has followed communication plan and they have expressed satisfaction with progress.
  + He has suggested some changes in the matching algorithm formula.

**V. Other Status Points**

* NA