Release Plan

Product Name: UCSC Academic Planner

Team Name: Slug Planners

Release Name: ?

Release Date: 6/10/23

Revision Date: 4/11/23

**High Level Goals**

* Create a viable 4 year academic plan for a UCSC student
* Create a viable 2 year academic plan for a UCSC transfer student
* The planner is able to work for any major at UCSC.
* Create a graph for a classes pre-requisite.

**Sprint 1 (Creating front end)**

* 1.1 As a UCSC student I want to be able to create a 4 year academic plan so that I will be able to plan ahead [3]
  + Create basic front end
* 1.2 As a student I want to be able to have an option for generating my plan using a friendly web application.
* 1.3 As an ECE Major I want access the department website through a options/button so that I can get extra information on my major [3]
  + Create department button
* 1.4 As a CS student I want to be able to see the courses I need to take [3]
  + Manually add classes for CS

**Sprint 2 (enhancing more options)**

* 2.1 I am someone interested in UCSC and want to see a list of required courses for majors. [3]
* 2.2 I am a UCSC student and I want to see if I fulfill all GE/major requirements to declare[3]
* 2.3 I want to see how many credits I’m taking per quarter. [1]
* 2.4 I am a STEM major at UCSC and I want to generate a schedule [1]

**Sprint 3 (**data scripting**)**

* 3.1 I have a schedule that I made already, but want to make changes/possibly add classes [3]
* 3.2 I have credit from high school/community college and wonder how it will impact my schedule [3]
* 3.3 I am a student want up to date information on a new class [5]
* 3.4 I am a transfer student and I want to create a 2 year planner [1]

**Sprint 4 (backend) flask(python)**

* 4.1 I am a student at UCSC and I want a 4 year planner for my major which include required courses and GEs [1]
* 4.2 I am a student at UCSC and I want to a 4 year planner for my major that includes a schedule without time conflicts [3]
* 4.3 I am a UCSC student calendar and want to export the class times (for the quarter) to Google Calendar [3]
* 4.4 I am a UCSC student and would like to graduate in 3 years (optional) [3]

**Sanity Check**

The amount of work to complete this project seems manageable, and I believe the plan is within the team’s capacity. Work distribution is equal, and there is time allotted for infrastructure tasks and spikes.

**Product Backlog**

* Export planner via unique URL
* User authentication
* See other users’ planners