Spartan Compass

Team Pear
PROBLEM STATEMENT
With MySJSU tedious to navigate and other CMPE student resources scattered, our product serves to integrate useful assets into a single simple to use platform aimed at encouraging student success.

PRODUCT OBJECTIVE
Design and develop an application that will provide CMPE students with an elegant combination of resources.

MAJOR FEATURES
- Course prerequisite and course progress tracking
- A calendar where students are able to track their assignments and activities
- A webpage where professors' information will be gathered, including office hours and ratemyprofessor information
- User account and login to save personal settings and information
Problem Statement

With MySJSU tedious to navigate and other CMPE student resources scattered, our product serves to integrate useful assets into a single simple to use platform aimed at encouraging student success.
Rate My Professor
Product Objective

● Design and develop an application that will provide CMPE students with an elegant combination of resources:

○ Pool together professor information and resources into one layout

○ Provide a platform for a simpler and smoother course catalog

○ Help students keep track of homework better than Canvas
Product Features

- Schedule future classes for next semester
- Stay on track of assignment due dates
- Track upper division course progress
- Provide professor information
  - RateMyProfessor ratings
  - Office hours
- Keep a user profile to store personal settings and information
Architectural Design
Spartan Compass Use Case

- **Name:** View all CMPE professor ratings

- **Goal:** To display all cmpe professor ratings in one page.

- **Summary:** Instead of having to search for every professor on RateMyProfessor’s advertisement-filled website, we provide everything all in one.

- **Actors:** CMPE Students and RateMyProfessor websites.
Spartan Compass Use Case, cont’d

● Pre-condition
  ○ Students are on any page in the application.

● Primary Trigger
  ○ Students click the RateMyProfessor button on the navigation bar.
Spartan Compass Use Case, cont’d

- **Primary Sequence:**
  1. User clicks on “RateMyProfessor” button.
  2. User is displayed a list of all professors from CMPE department.
  3. User scrolls to specific professor.
  4. Professor quality average, difficulty average, reviews, and link to ratemyprofessor for more information is shown.
Spartan Compass Use Case, cont’d

● **Primary postconditions**
  ○ Students receive information about a professor’s ratings and reviews.

● **Nonfunctional requirements**
  ○ Students will be led to RateMyProfessor page within 3 seconds.
  ○ Students can refresh the database with new information freshly scraped from www.ratemyprofessor.com in 10 seconds.

● **Glossary**
  ○ Students => CMPE students
Use Case Demo
Questions / Suggestions?