Sprint 4 Plan

Product name: BSOE Course Scheduler Web App
Team Name: Team Team
Sprint Completion Date: November 30, 2021
Revision number & revision date: #1, 11/30/21
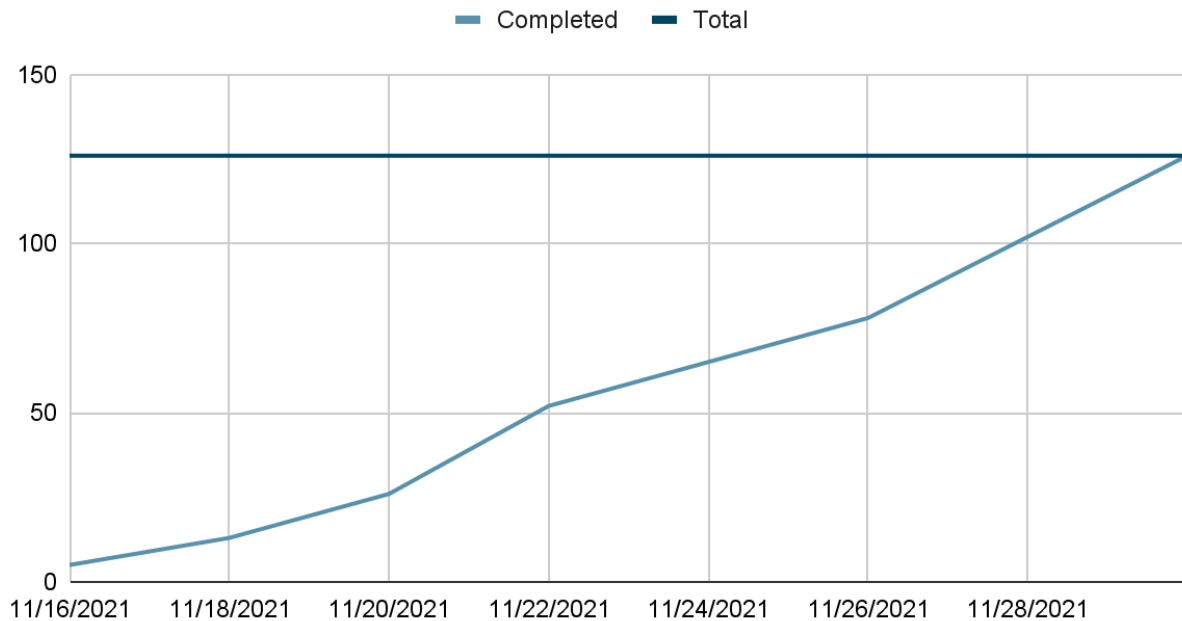
Goal: To have completed a fully working minimum viable product with as many added functionalities as we can implement given the time constraints.

Task listing, organized by user story

1. As a student, I would like to know the unit of each course, so that I can plan my schedule accordingly.
    a. Add "unit" field in the database -5
    b. Users can see the unit information when they select courses -13
    c. On the main page, total units will be shown -13
2. As an advisor, I would like to edit course information, so that I can keep all the information updated.
    a. The advisor can add/modify/delete the courses as well as their name, description, unit, and requirements. -21
    b. The advisor can edit, add, delete requirements to update the requirement tree.
3. As a student, I would like to see course suggestions, so that I know what courses I still need to take.
    a. An algorithm to generate suggestion courses (13)
    b. A new interface for course suggestions (13)
    c. The suggestions are based on requirements and offer quarters of certain courses.
        i.   Have to be able to find a way to know what season the 'next term' is.
        ii. Don't recommend courses already taken
        iii. Don't recommend courses for a season in which they are not available
4. As a student, I would like to see all features, so that I will have a perfect user experience. (Integrate all features)
    a. Fixing bugs, preparing for deployment (13)
    b. Integrating All features together. (35)
    c. Complete integration of about page and detailed course descriptions (13)

Burn-Up Chart:

Burn-up Chart Sprint 4

— Completed — Total

Initial Scrum Board:

User Story	To Do	In Progress	Done
User Story 1 As a student, I would like to know the unit of each course, so that I can plan my schedule accordingly.			Users can see the unit information when they select courses -8 (Shiyuan)
			Add "unit" field in the database -5 (Shiyuan)
			On the main page, total units on the certain quarter will be shown -13 (Arthur)
User Story 2 As an advisor, I			The advisor can modify the course

would like to edit course information, so that I can keep all the information updated.			name, description, unit, and requirements. -13 (Andriy)
User Story 3 As a student, I would like to see course suggestions, so that I know what courses I still need to take.			Complete interface for course suggestions. - 13(Nathanael)
			An algorithm to generate suggestion courses -13 (Harmeet, Nathanael)
User Story 4 Integrate All Features			Fixing bugs, preparing for deployment (13) -Andriy
			Integrating All features together. (35)-Andriy
			Complete integration of about page and detailed course descriptions -13(Andriy)

Scrum times

Mondays - 9pm (TA/Tutor), Wednesdays - 8pm, Fridays - 8pm