

Sprint 1 Plan

Product name: BSOE Course Scheduler Web App

Team Name: Team Team

Sprint Completion Date: October 19, 2021

Revision number & revision date: #1, 10/19/21

Goal

At the end of this sprint we want an idea of how the user interface will look, and have an initial SQL database created.

Task listing, organized by user story

User story 1:

- As a developer, I want to define a data structure for a course
 - List all data needed for one course (1)
 - Figure out how to grab data from SQL(2)

User story 2:

- As a developer, I want to create a database of classes, so that I can easily access, retrieve, and modify data.
 - Create HTML page with login functionality (3)
 - Create a database in MySQL to store data (8)
 - Input data from school website into our database (13)
 - Connecting database to backend (13)

User story 3:

- As a developer, I want a drop down menu showing me a list of courses for the student to select as taken, so that it can filter the data for classes still needed.
 - Create specification for backend (5)
 - Code the backend (21)

User story 4:

- As a student I want to be able to have a list of classes that I am able to take to fulfill my requirement.
 - draft a basic interface (8)
 - Create HTML draft Style it with css (21)
 - Make it functional Connect to backend (34)

User story 5:

- As a developer, I want to have pseudocode for the logic that decides whether a class can be taken.
 - Logic for prereq constraint (2)
 - Figure out format for how a student's availability will be stored, interacted with (2)
 - Logic for time constraint (5)

Team roles

Product Owner - Andriy Bondar

SCRUM Master - Harmeet

User interface - Andriy Bondar, Nathanael Chow

SQL database - Arthur Weimholt

Logic/data structure - Lucas Tung

Backend implementation - Shiyuan Huang

Initial task assignment

Andriy

Draft interface

Lucas

Course data list / rough logic path for course availability

Arthur

Define a “course” in SQL ?

Shiyuan

Having users be able to create accounts and login

Nathanael

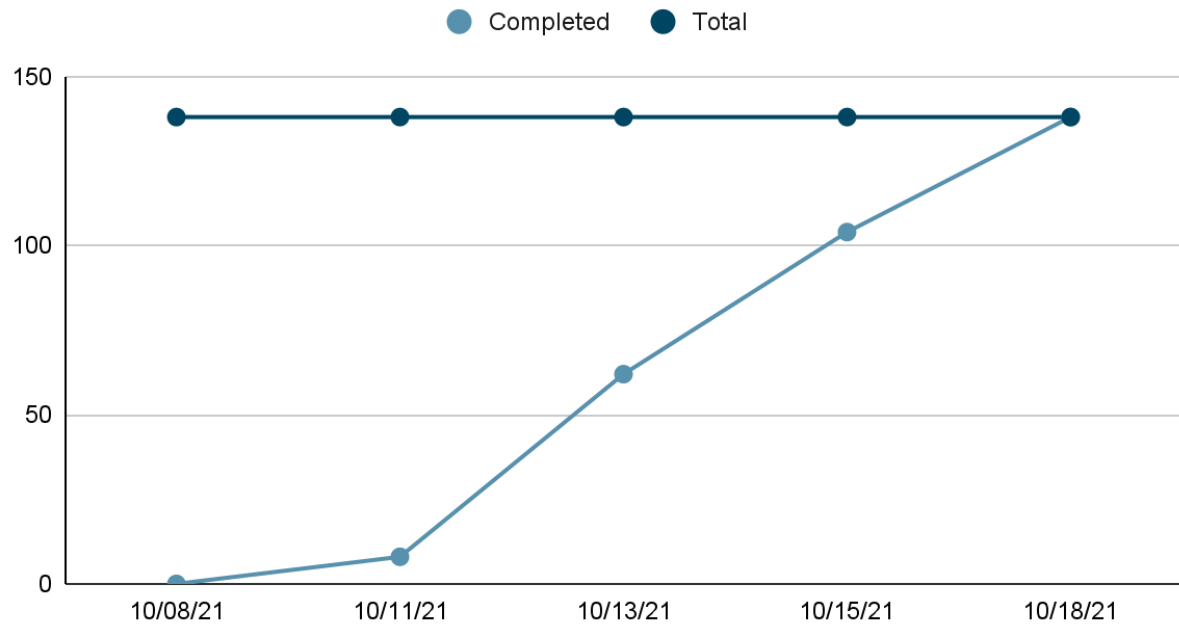
Help with interface

Harmeet

Scrum Master

Initial burnup chart:

Burnup Chart



Initial scrum board:

User Stories	To Do	In Progress	Done
As a developer, I want to define a data structure for a course			List all data needed for one course (Lucas) Figure out how we will handle prerequisites(Arthur)
As a developer, I want to create a database of classes, so that I can easily access, retrieve, and modify data.		Connecting database to backend (Lucas/Arthur)	Create a database in MySQL to store data(Arthur) Input data from school website into our database (Arthur/Lucas)
As a developer, I want a drop down menu showing me a list of courses for the student to select as taken, so that it can filter the data for classes still needed.			Create specification for backend
As a student I want to be able to have a list of classes that I am able to take to fulfill my requirement.	Draft a basic interface(Andriy) Create HTML draft Style it with css Make it functional Connect to backend		Create HTML page with login functionality (Shiyuan) Create HTML draft Style it with css(Shiyuan)
As a developer, I want to have pseudocode for the logic that decides			Pseudo Code of a class structure(Lucas) Logic for prereq constraint

whether a class can be taken.			Logic for time constraint(Arthur)
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Scrum times

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