

## Sprint 3 Plan

**Product name:** Course Planner

**Team name:** FLOAT

**Sprint completion date:** Nov 21, 2023

**Revision number:** 1

**Revision date:** Nov 8, 2023

**Goal:**

Maximum total hours/story points per Sprint: 60

As a student, I want to be able to

- 1) User story 3.1 **[5 story points]** Add any course(s) from any department
  - a) Retrieve department names, and add them as options to search.
  - b) Update CSV file and seeding code
- 2) User story 3.2 **[21 story points]** Automatically verify that my classes are in the correct order to fulfill any prerequisites
  - a) Course card warning if course does not have prerequisite placed before it
  - b) Implement topsort/DP for prerequisite checking
- 3) User story 3.3 **[5 story points]** Verify that I can graduate with the number of credits for my selected courses
  - a) Progress bar to display graduation status and number of credits
- 4) User story 3.4 **[21 story points]** Add courses and mark them as CS electives
  - a) Change DB schema to store marked electives
  - b) Display marked electives in major progress modal
- 5) User story 3.5 **[5 story points]** Login and see my saved course planners
  - a) Implement autosaving planners when logged in
- 6) Frontend enhancements

### Team roles:

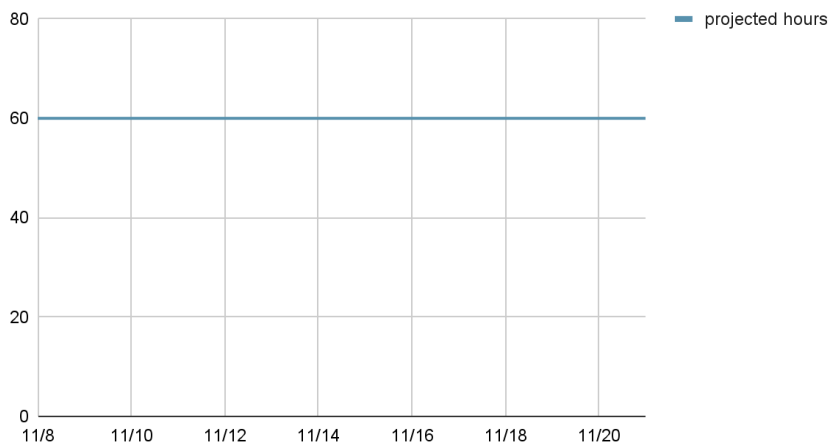
- Furkan Ercevik: Product Owner {developer}
- Teresa Wu: SCRUM Master {developer}
- Lily Knab: developer
- Oskar Luthje: developer
- Ahmad Joseph: developer

## SCRUM Board

user story	not started	in progress	completed
Add courses from any department	retrieve dept. names and add as options to search		
	update CSV file and seeding code		
Automatically verify classes are in correct order to fulfill prerequisites	warning if course does not have prereq fulfilled		
	implement Topological sort		
verify that I can graduate with number of credits for selected courses	progress bar to display credits completed		
Mark courses as CS electives	change DB schema to store marked electives		
	display marked electives in major progress modal		
Login and see saved course planners	Implement autosaving planners when logging in		

## Burnup Chart

Course Planner Sprint 3 SCRUM burnup



**SCRUM times**

- Monday 10:30am - 11:30am
- Monday 3:45pm - 4:30pm (with TA)
- Wednesday 11:30am - 12:30pm
- Friday 10:30am - 11:30am