

Sprint 3 Report

Product name: Course Planner

Team name: Team FLOAT

Date: Nov 20, 2023

Actions to Stop Doing: We do not have any actions to stop doing.

Actions to Start Doing: We do not have any actions to start doing.

Actions to Keep Doing: We want to continue abiding by our Definition of Done criteria, and checking the manual testing matrix every time we implement a new feature. We want to continue updating the Scrum board everytime we create/start/complete a task, keep the code checks and keep doing tri-weekly standup meetings (where we also discuss next project steps and brainstorming).

Work Completed/Not Completed:

Completed:

- User story 3.3 **[5 story points]** Verify that I can graduate with the number of credits for my selected courses
 - a) Update schema to store number of credits
 - b) Progress bar to display graduation status and number of credits
- User story 3.5 **[13 story points]** Login and see my saved course planners
 - c) Implement autosaving planners when logged in
- User story 4.4 **[8 story points]** Verify that I can graduate with GEs
 - a) Change CSV and DB schema to store GEs
 - b) Pie chart to display GE progress
- User story 4.5 **[5 story points]** See details about a selected course (title, number of credits, GE code, etc.)
- Frontend enhancements
 - a) Adjusting planner formatting and responsiveness
 - b) Adding a no planner page
 - c) Adding warning to login to save your planners
 - d) Adding slug icon

Completed (Pivoted):

- User story 3.4 **[21 story points]** ~~Add courses and mark them as CS-electives~~ Add labels to courses.
 - ~~a) Change DB schema to store marked-electives~~ Change DB to store labels for each user, with enrolled courses referencing labels
 - ~~b) Display marked-electives in major progress modal~~ Display labels on CourseCard
 - c) Allow label selection/editing within CourseInfoModal

Restructuring:

- Refactored to use React Contexts to clean up prop drilling
 - Prop drilling: where a component receives a prop for the purpose of passing it further to a child without using it directly.
- Removed superfluous features
 - Removed course quarter highlights on course drag (quarters were highlighted when a course was not offered in the quarter the course was dragged over) This feature was removed for being too distracting for users.
 - Removed major progress modal (we removed prerequisite checking which means that the major progress modal was now irrelevant)

Not completed:

- User story 3.1 **[21 story points]** Add any course(s) from any department
 - d) Retrieve department names, and add them as options to search.
 - e) Update CSV file and seeding code (completed)

Not planned:

- ~~● User story 3.2 **[21 story points]** Automatically verify that my classes are in the correct order to fulfill any prerequisites~~
 - ~~f) Course card warning if course does not have prerequisite placed before it~~
 - ~~g) Implement topsort/DP for prerequisite checking~~

Work completion rate:

Total number of user stories completed: 5

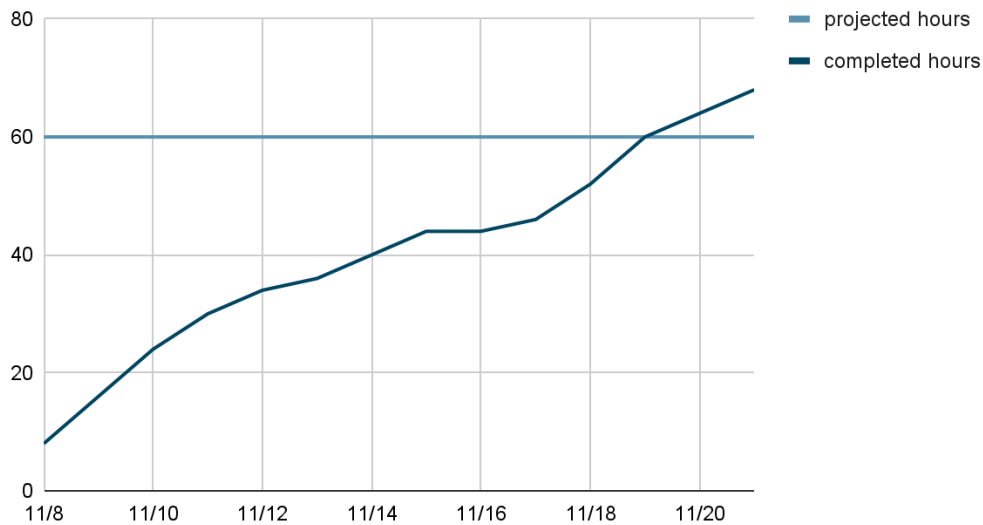
Total number of estimated work hours: 60

Total number of days during the prior sprint: 14 days

Average user stories/day: 0.35 user stories completed per day

Burnup Chart

Course Planner Sprint 3 SCRUM burnup



Scrum board

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