

Sprint 1 Plan

Product name: Course Planner

Team name: FLOAT

Sprint completion date: Oct 24, 2023

Revision number: 1

Revision date: Oct 10, 2023

Goal: Basic skeleton of the Course Planner with drag and drop functionality and ability to view CSE courses

Maximum total hours/story points per Sprint: 60

As a student, I want to:

- 1) User story 1.1 [21 story points] Be able to see and select courses from the UCSC catalog to add to my planner
 - a) Tasks
 - i) Web scraping from course catalog to a file
 - ii) Write course data from file to database
 - iii) Get courses from GraphQL using Apollo Client's useQuery
 - iv) Create course selection popup modal
- 2) User story 1.2 [13 story points] Drag and drop into/out of the planner
 - a) Tasks
 - i) Add basic drag and drop using react-beautiful-dnd
 - ii) Layout 16 quarters to place classes (4x Fall, Winter, Spring, Summer)
 - iii) Highlight quarters' area that can be dropped on
 - iv) On clicking course, add popup remove button
 - v) handleRemoveCourse function
- 3) User story 1.3 [13 Story Points] Search for courses by title or course number
 - a) Tasks
 - i) Create GraphQL resolvers to search for courses by title and/or course number
 - ii) Create a selection popup modal to browse the courses loaded from the GraphQL API when adding a course to a planner
- 4) User story 1.4 [4 story points] Be able to keep my courses in the planner, even if I refresh or close the page
 - a) Tasks
 - i) Save local courses state to cookies ([Next-cookies](#))
 - ii) Load courses state from cookies (if data exists)

Infrastructure:

- Setting up testing environment: Jest (code coverage), prisma mock
- GitHub actions and integrations
- Github project for SCRUM board
- Deployment (Vercel) and logging (Logflare)

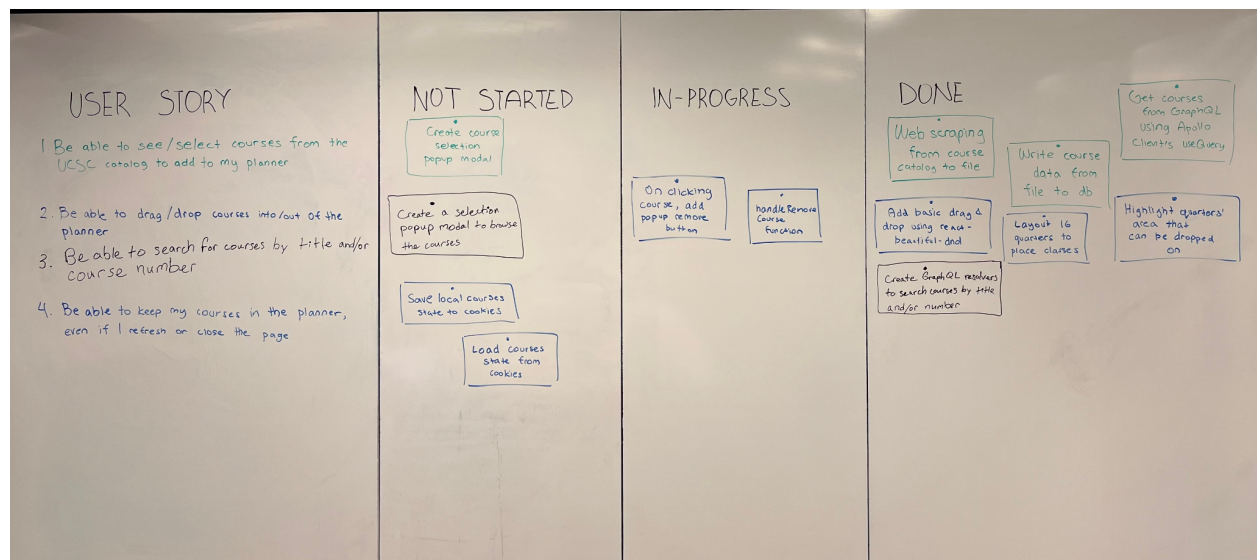
Team roles:

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

Initial task assignment:

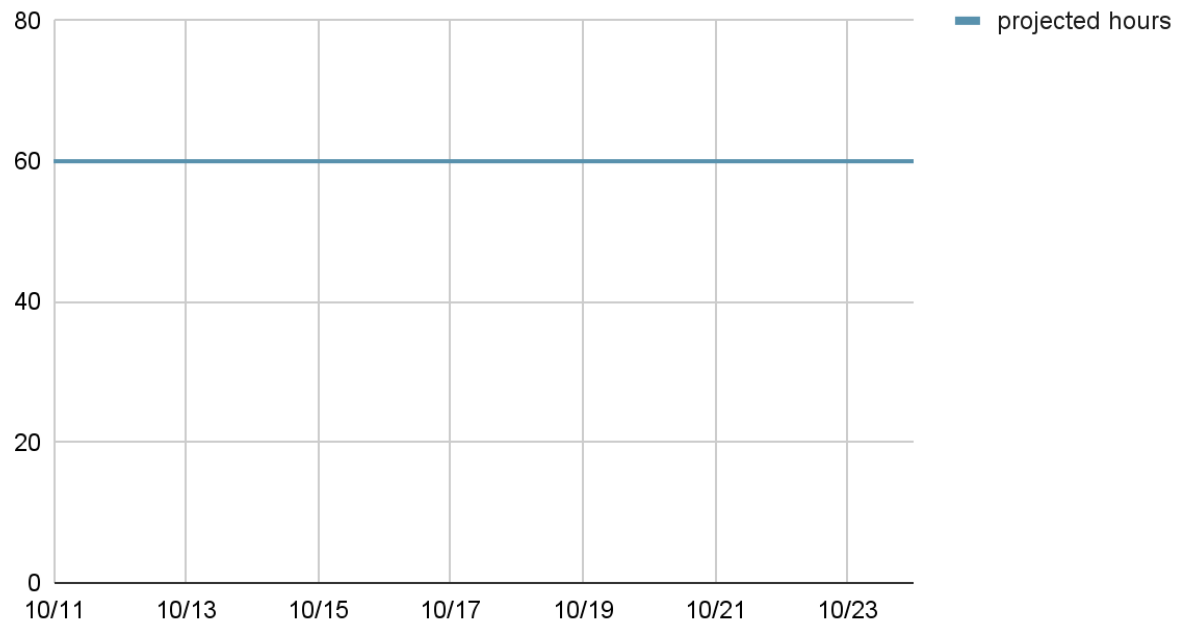
- Furkan Ercevik: User Story 1.3, Create GraphQL resolvers
- Lily Knab: User story 1.1, Web scraping from course catalog to a file
- Teresa Wu: User story 1.2, Add basic drag and drop using react-beautiful-dnd
- Oskar Luthje: User story 1.1 Get courses from GraphQL using Apollo Client's useQuery
- Ahmad Joseph: User story 1.2 Layout 16 quarters to place classes

SCRUM board



Burnup Chart

Course Planner Sprint 1 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