

Release Summary

Product name: Course Planner

Team name: FLOAT

Release name: 1.0.0 Beta

Release date: Dec 5, 2023

Revision number: 1

Revision date: Dec 4, 2023

Key user stories:

As a student, I can:

- 1) Search for courses by course number, department, and GE code.
 - a) Acceptance criteria:
 - i) Search for classes with no search criteria (course number, department, or GE code).
 - ii) Search for classes specifying all three criteria.
 - iii) Search for classes specifying only one or two of the criteria.
- 2) Drag and drop courses into the planner.
 - a) Acceptance criteria:
 - i) Drag a course from the course list search into one of the quarters in the planner.
- 3) Create multiple course planners.
 - a) Acceptance criteria:
 - i) Create a few planners with different courses in them.
 - ii) Switch between planners to make sure they have only the classes added to them.
- 4) Login and see my saved course planners.
 - a) Acceptance criteria:
 - i) Login to the app, create a planner, logout.
 - ii) Log back in to see saved planners.
- 5) Export my course planner to a PDF.
 - a) Acceptance criteria:
 - i) Create a planner.
 - ii) Export the planner.
- 6) See how many credits the courses in my planner fulfill.
 - a) Acceptance criteria:
 - i) Add classes to the planner.

- ii) Confirm that the number of credits in the planner is the same as the total displayed in the chart.
- 7) See how many GE's the courses in my planner fulfill.
 - a) Acceptance criteria:
 - i) Add classes to the planner.
 - ii) Confirm that the courses in the planner have the GE codes that are highlighted in the chart.
- 8) See details about a selected course.
 - a) Acceptance criteria:
 - i) Click on a course in the course list search and a window with information shows up.
 - ii) Click on a course in the planner and a window with information shows up.
- 9) Add custom courses to my planner.
 - a) Acceptance criteria:
 - i) Create a custom course.
 - ii) Drag the custom course into the planner.
- 10) Add labels to courses in my planner.
 - a) Acceptance criteria:
 - i) Add a course to the planner.
 - ii) Add labels to the course.
 - iii) Make sure labels stay after logging out and logging back in.
- 11) Select default planners based on major and catalog year.
 - a) Acceptance criteria:
 - i) Select major, catalog year, and default planner from selection menu
 - ii) Create planner
 - iii) Ensure new planner is of the same template as the default planner that was selected

Known Problems:

Major Bugs

- 1) Planners don't carry over after logging in
- 2) QuartersOffered doesn't show for non-CSE courses and any new CSE courses
- 3) Search Details don't carry over between tabs

Rare/small bugs

- 4) Program might change tab when attempting to rename (mostly solved)
- 5) Small chance of phantom planners being created due to multiple rerenders
- 6) Tabs may unintentionally highlight upon pressing particular keys
- 7) Dragging courses can be tricky at times when some years are collapsed

- 8) Some issues with interactivity on initial page load due to framework which disappear after refreshing

Omissions

- 1) Prerequisite checking tool
- 2) Major Completion Verification Tool
- 3) Lack of support for unauthenticated users i.e. saving planners and default planners
- 4) Courses of non-standard format in default planners don't have all the relevant information as they are treated as custom courses
- 5) Missing some loading indicators to give feedback to users

Design Shortcuts

- 1) GE selections field are hard coded data
- 2) The catalog years are hard coded data
- 3) The majors selections field are hard coded data

Product Backlog:

User Stories

As a student, I want to be able to:

- 1) Add or delete academic years

Bug Fixes

- 1) Planner doesn't carry over after logging in
- 2) QuartersOffered doesn't show for non-CSE courses
- 3) Search Details don't carry over between tabs
- 4) Program incorrectly changes tab when attempting to rename
- 5) Tabs may unintentionally be highlighted