

EECS 3461 Assignment 2

Members:

Parmoun Khalkhali Sharifi(219125046), Ryan Luk(218096073), Mohamed Ahmed(217239336), Isha Hanchate(219448133)

Design Brief:

This project emphasizes one of the main struggles that York University students face in their daily lives. We brainstormed our ideas and designed a solution that solved the problem of time management. Solving this problem will directly affect the other concern of the students which is mental health. By investigating the results of the survey, we found that the concern of time management mostly arose from overlapping assignments, tests, personal responsibilities, and jobs. In order to address and overcome these issues, we designed an iOS app which is comprehensive and user-centric, and helps with better time management and provides mental health support. The current designs fail to address these concerns effectively and sufficiently, therefore, our focus is to design a solution that can overcome the problems and increase user satisfaction.

Lo-fi prototype:

Log-in page design:

- The first page of the lo-fi prototype includes a login -page where the user can enter a username and password to sign in. The sign-in button is provided as confirmation to reduce the error.

Calendar design:

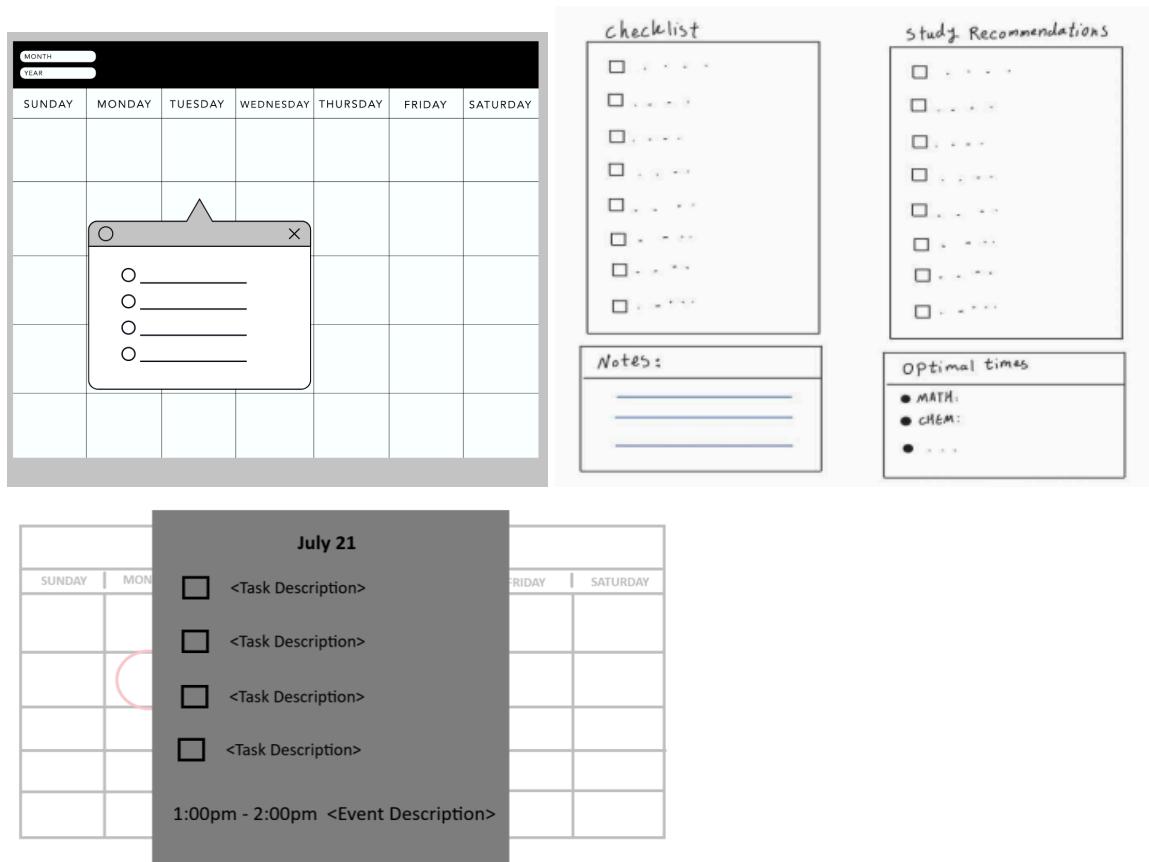
- The prototype includes a home page that shows a calendar of the current month and provides tasks and events that will occur in the current week/day.
- On the calendar, all the dates are buttons that lead to another page which shows all the events of that day and allows you to add more events and tasks to that specific day via a button that opens a form to fill out details of a task or event.

My Courses design:

- The prototype has a “My Courses” button which allows the user to connect to the class and see all courses that are being taken.
- We have a “Home” button which takes you to the home page.
- The “My Courses” page demonstrates the list of courses the user is taking. Upon clicking on a specific course, it will guide you to the dedicated page for that course where you can find all its details including lectures and assignments.

Alternative Solutions:

While generating ideas, we considered different methods of scheduling the user's upcoming deadlines in the most efficient and effective way. We thought about various formats for adding tasks to calendars and including other components, such as checklists, notepads, etc.



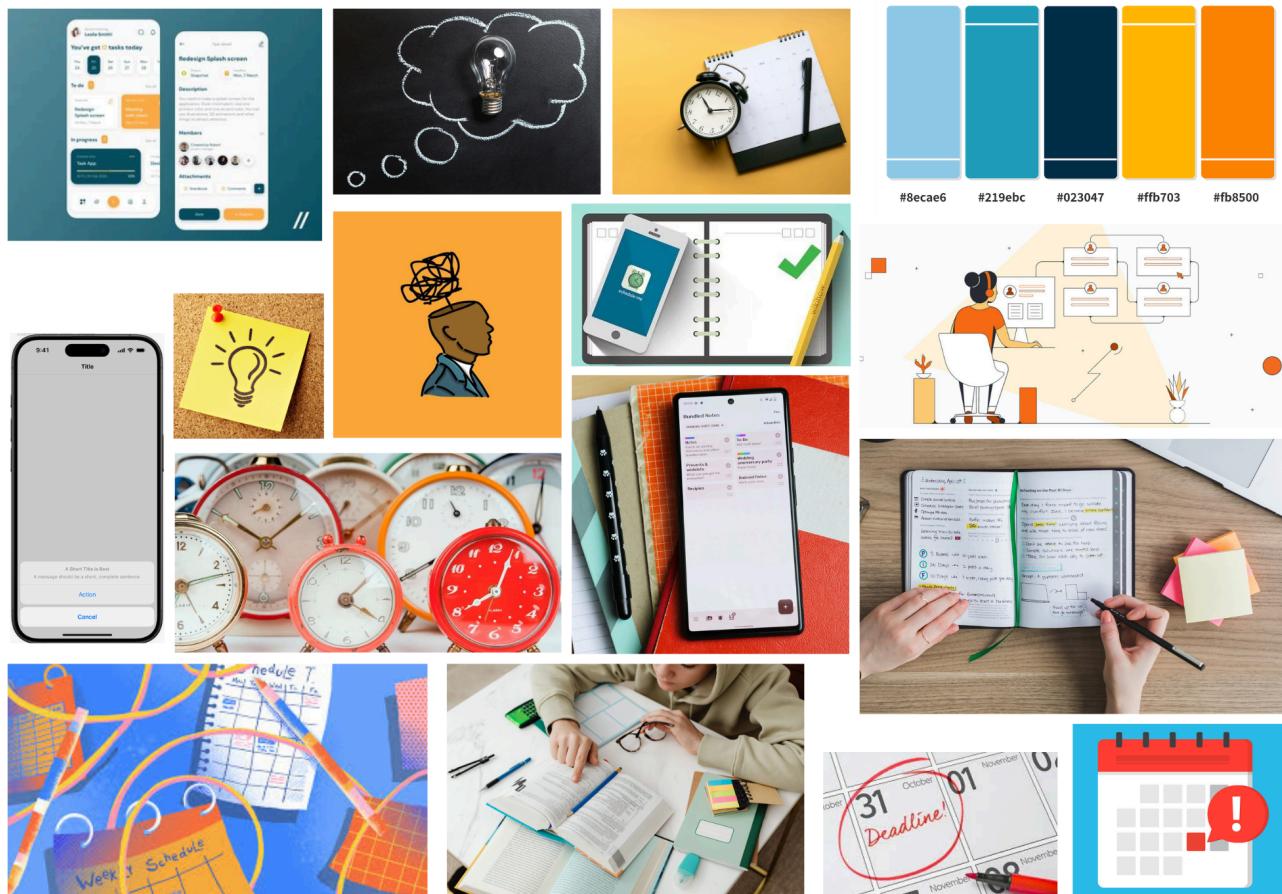
We also considered the possibility of creating a desktop application instead of a mobile app. The main aspects that we all had in common was some kind of calendar system to input upcoming tasks, as well as some way to view the tasks in more detail.

Selected Solution:

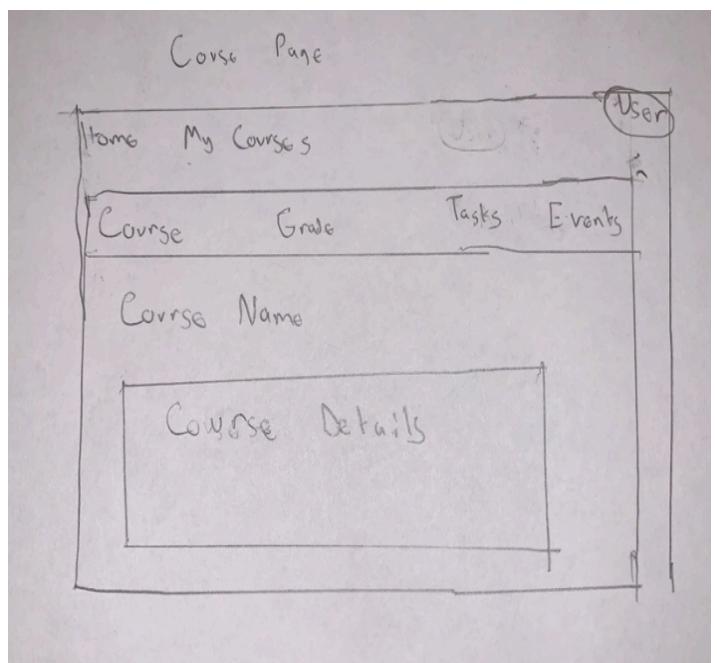
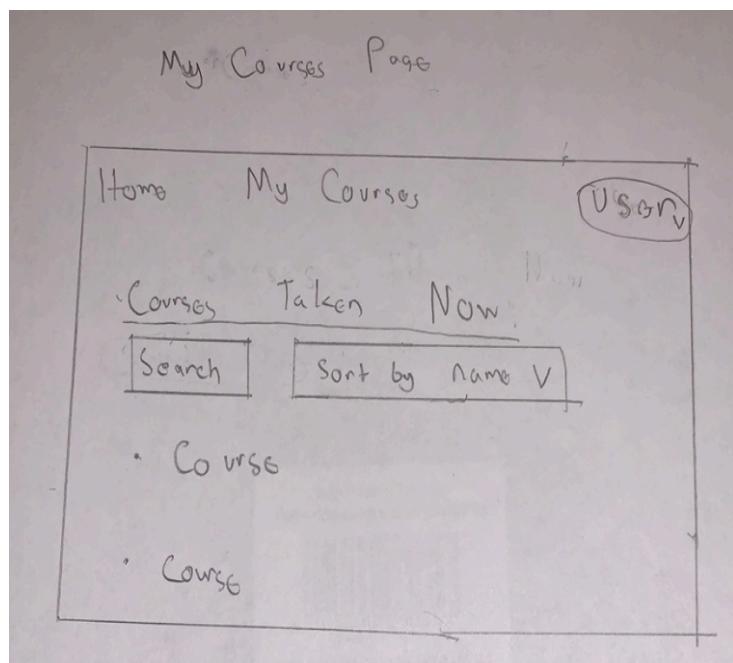
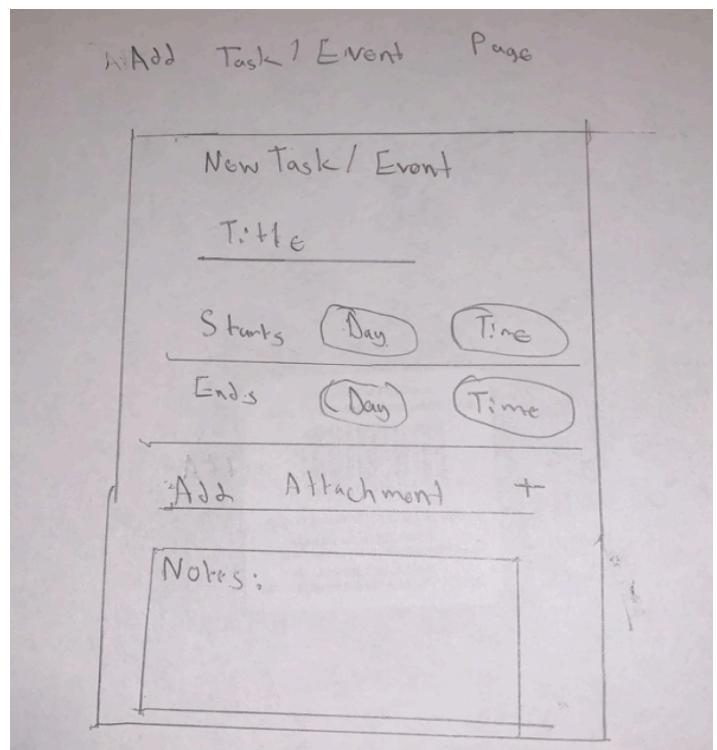
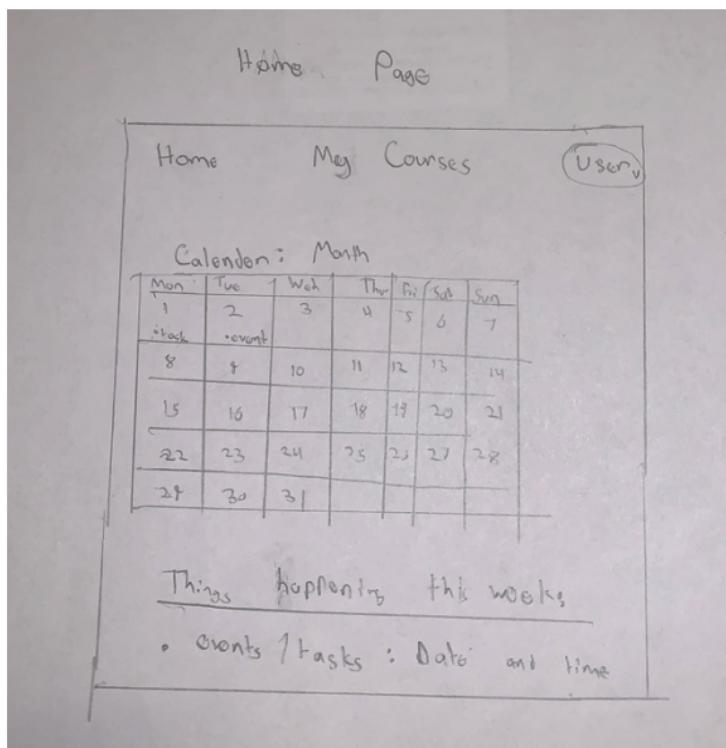
In the end, we decided to go with an iOS mobile app, as that would be a more accessible and portable option for university students. The landing page would display a monthly calendar, where the user could view their upcoming task list for the week, and can input or remove tasks and events as they desire. There would also be a "My Courses" page, where the user could search through each course individually and view or upload their notes separately for each course. This would make organizing class notes, evaluations, assignments and deadlines much easier, and ensure that the user was able to build a coherent and manageable schedule.

Conceptual Model:

We came up with the following moodboard to help gather all of our ideas about what the system should look like, and to better capture the functionalities and overall theme that we wanted to convey.

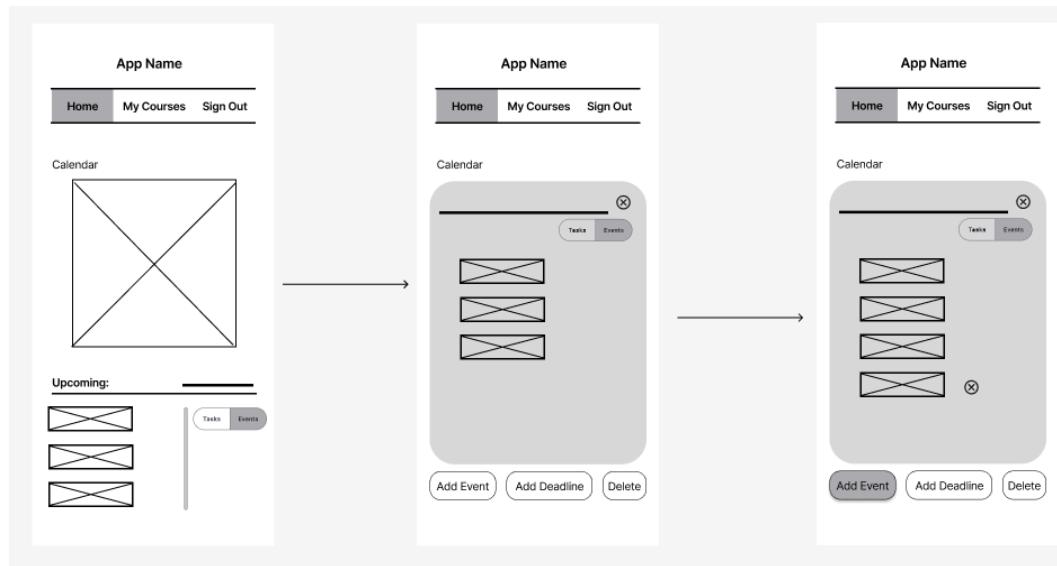
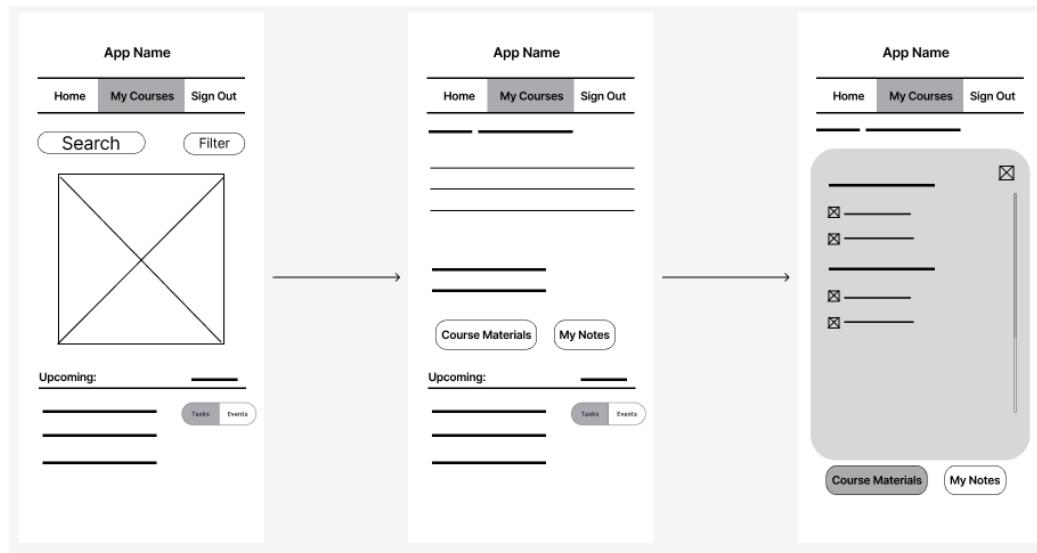


Low-Fidelity Prototype:



Wireframes:

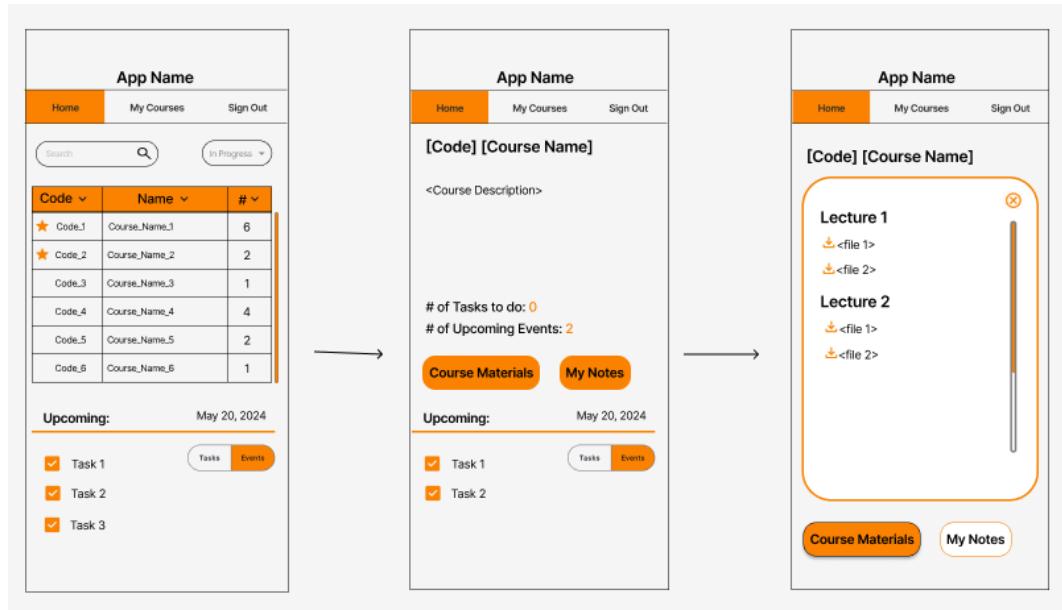
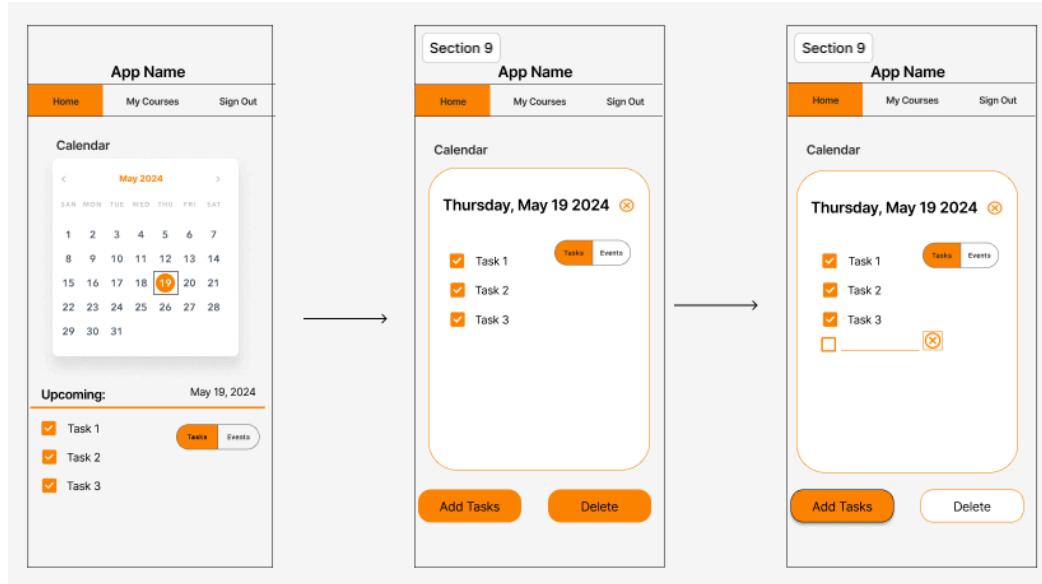
Link (to rest of use cases): <https://www.figma.com/design/pYtrfKJOkf5Mg3Jd0xfMGd/EECS-3461?node-id=0-1&t=EqG0bOKm5O1Y9kEE-0>



Some important design decisions we made included simplifying the layout of the app, so that it was more readable and easy to understand and use. We also made sure to create a new frame instead of a popup screen for adding and removing tasks and events, our rationale being that it would be less distracting for users if the screen only displayed the necessary components. We also changed the color scheme for the app, since we liked the design better with just the orange, black and white color palette.

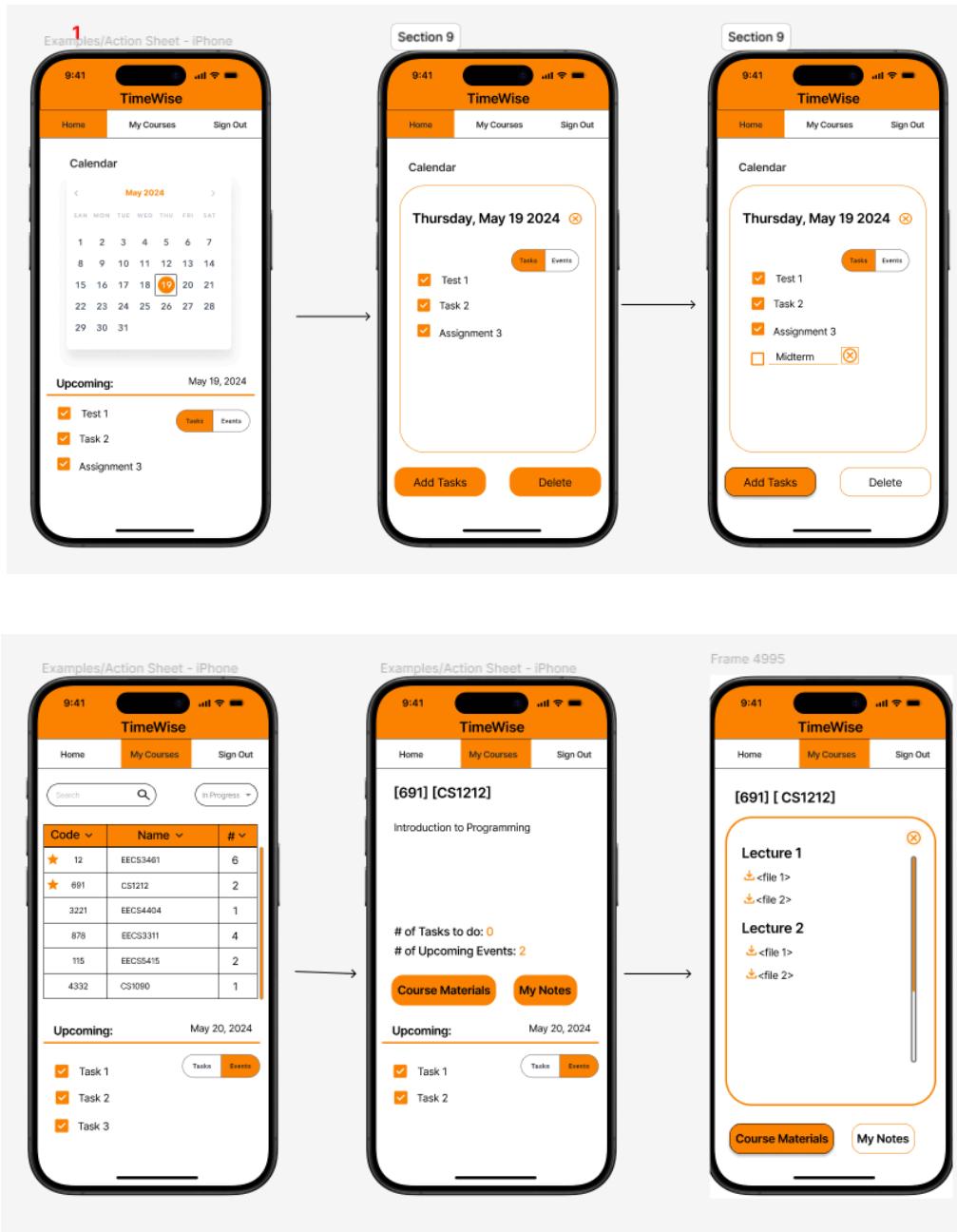
Mockups:

Link: <https://www.figma.com/design/pYtrfKJOkf5Mg3Jd0xfMGd/EECS-3461?node-id=56-27&t=EqG0bOKm5OIY9kEE-0>



Interactive Prototype:

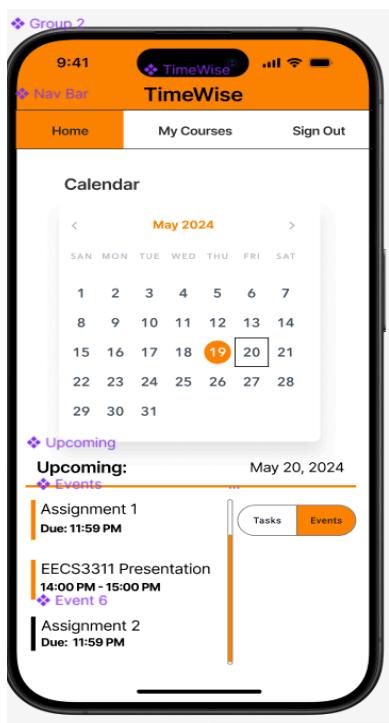
Link: <https://www.figma.com/design/pYtrfKJOkf5Mg3Jd0xfMGd/EECS-3461?node-id=91-2458&t=EqG0bOKm5OIY9kEE-0>



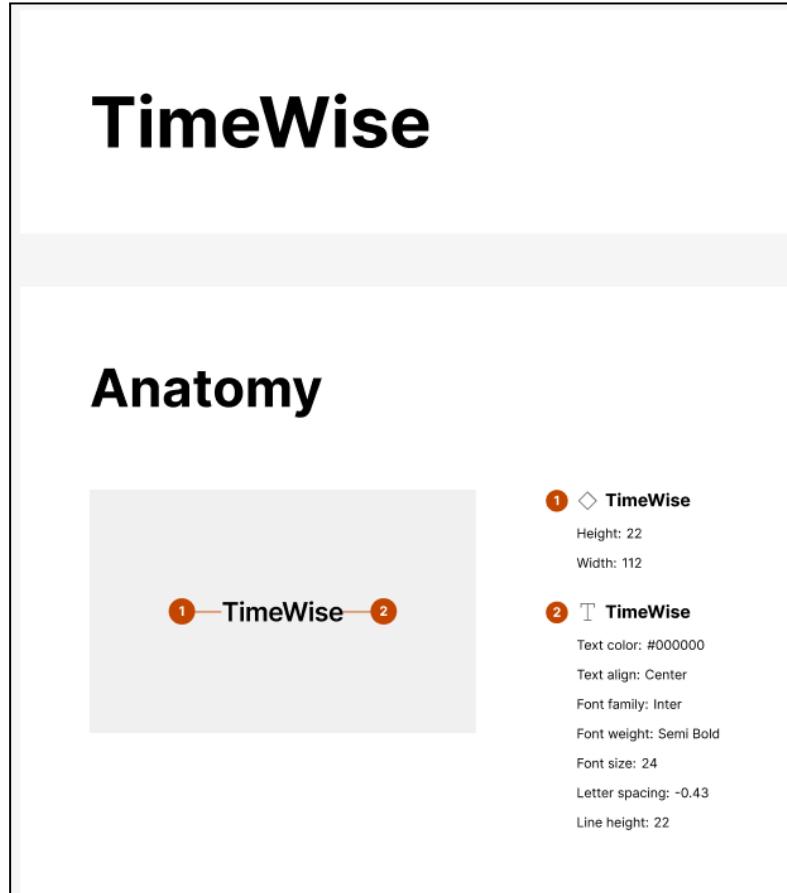
Developer Hand-off:

We used the EightSphapes plugin to generate the dev annotations.

Frame 1:

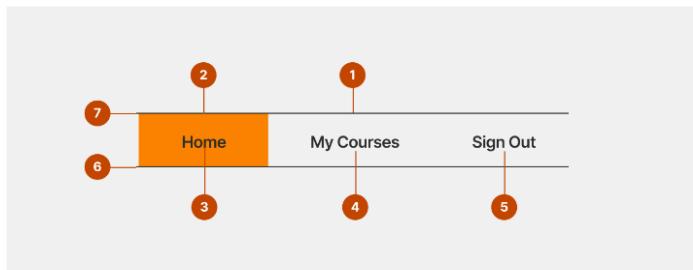


Developer Hand-off of frame 1:



Nav Bar

Anatomy



1 ◇ Nav Bar

Height: 49.94

Width: 400

2 □ Page Selector

Height: 49.94

Width: 119.78

Background color: #FB8500

3 T Home

Height: 18.01

Width: 61.54

Text color: #2F2D2D

Text align: Center

Font family: Inter

Font weight: Semi Bold

Font size: 15

Letter spacing: -0.43

Line height: 22

4 T My Courses

Height: 18.01

Width: 123.07

Text color: #2F2D2D

Text align: Center

Font family: Inter

Font weight: Semi Bold

Font size: 15

Letter spacing: -0.43

Line height: 22

5 T Sign Out

Height: 18.01

Width: 89.01

Text color: #2F2D2D

Text align: Center

Font family: Inter

Font weight: Semi Bold

Font size: 15

Letter spacing: -0.43

Line height: 22

6 — Line 2

Border color: #2F2D2D

Stroke alignment : Center

Border weight: 1

7 — Line 1

Border color: #2F2D2D

Stroke alignment : Center

Border weight: 1

Events

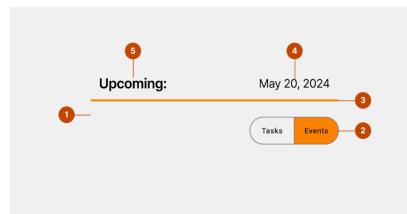
Anatomy



- ① ◇ Events
Height: 128.1
Width: 199.8
- ② T Text
Height: 26
Width: 194
Text color: #000000
Font family: Inter
Font weight: Regular
Font size: 18
Letter spacing: -0.43
Line height: 22
- ③ — Colour
Border color: #FB8500
Stroke alignment: Center
Border weight: 5
- ④ T Date
Height: 25.62
Width: 127.09
Text color: #000000
Font family: Inter
Font weight: Bold
Font size: 14
Letter spacing: -0.43
Line height: 22
- ⑤ T Text
Height: 25.62
Width: 127.09
Text color: #000000
Font family: Inter
Font weight: Regular
Font size: 18
Letter spacing: -0.43
Line height: 22
- ⑥ — Colour
Border color: #FB8500
Stroke alignment: Center
Border weight: 5

Upcoming

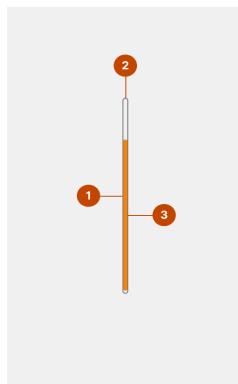
Anatomy



- ① ◇ Upcoming:
Height: 112.38
Width: 368.63
- ② ◇ Segmented button
Depends on: Segmented button
Segments: 2
Density: 0
- ③ — Line 3
Border color: #FB8500
Stroke alignment: Center
Border weight: 3
- ④ T May 20, 2024
Height: 25.62
Width: 111.36
Text color: #000000
Text align: Center
Font family: Inter
Font weight: Regular
Font size: 17
Letter spacing: -0.43
Line height: 22
- ⑤ T Upcoming:
Height: 25.62
Width: 103.27
Text color: #000000
Text align: Center
Font family: Inter
Font weight: Semi Bold
Font size: 20
Letter spacing: -0.43
Line height: 22

Scroll

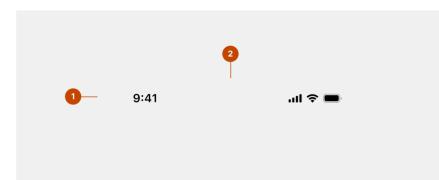
Anatomy



- ① ◇ Scroll
Height: 211
Width: 4
- ② □ Whole
Height: 211
Width: 4
Border color: #000000, 50%
Stroke alignment: Outside
Border weight: 1
Border radius: 90
- ③ □ Current
Height: 164.37
Width: 4
Background color: #FB8500
Border radius: 90

Group 2

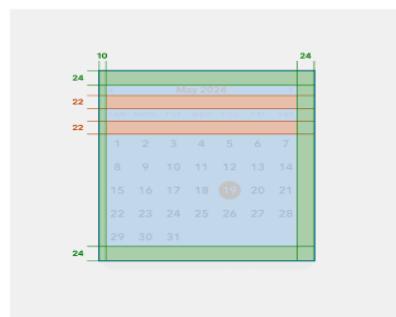
Anatomy



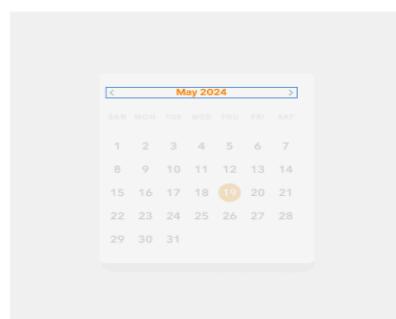
- ① ◇ Group 2
Height: 54
Width: 393
- ② ◇ Status Bar
Depends on: Status Bar - iPhone
Background: False

Layout and spacing

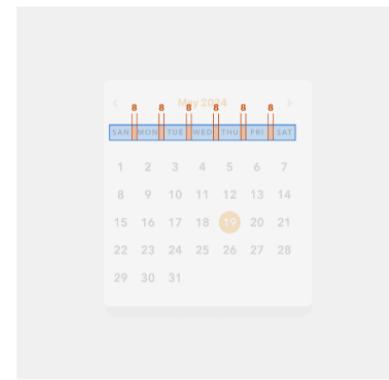
Selected node



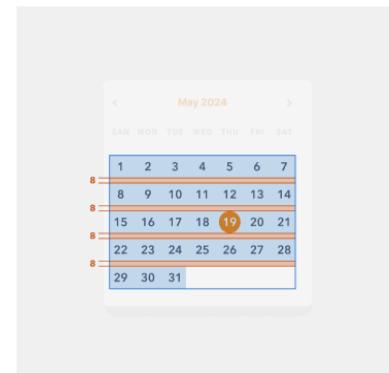
🕒 Calendar
Direction: Vertical
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 22
Padding top: 24
Padding bottom: 24
Padding left: 10
Padding right: 24



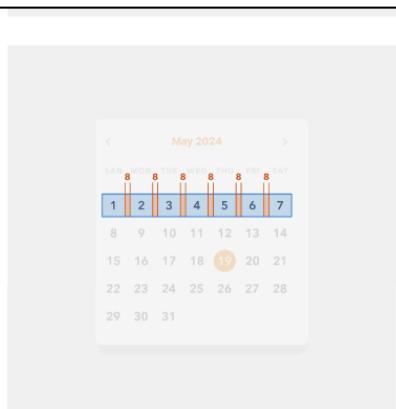
ffb Frame 4987
Direction: Horizontal
Alignment: Top, spaced evenly
Vertical resizing: Hug
Horizontal resizing: Fill



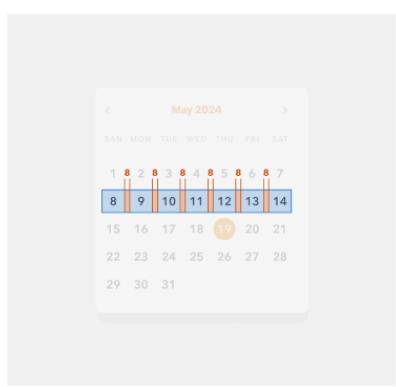
ffb Frame 4988
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Fill
Item spacing: 8



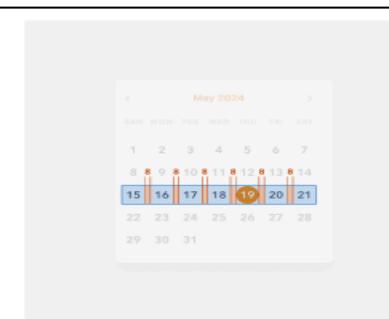
ffb Frame 4990
Direction: Vertical
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Fill
Item spacing: 8



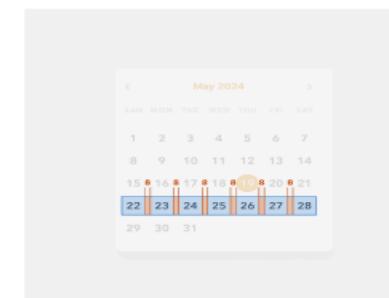
ffb Frame 4989
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 8



ffb Frame 4990
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 8



ffb Frame 4991
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 8



ffb Frame 4992
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 8



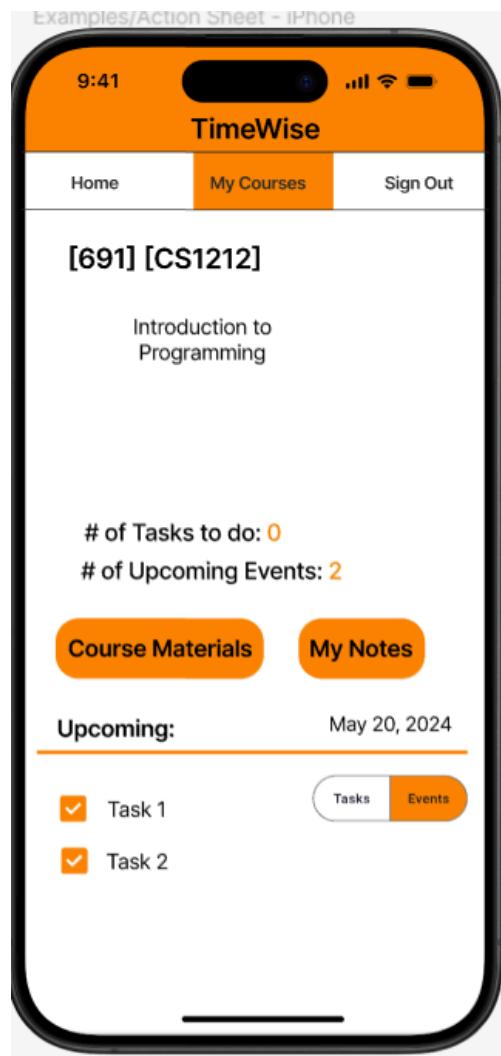
ffb Frame 4993
Direction: Horizontal
Alignment: Top left
Vertical resizing: Hug
Horizontal resizing: Hug
Item spacing: 8

Calendar

Anatomy



Frame 2:



-We extracted 3 component from this frame which are presented below:

Developer Hand-off of frame 2:

Course Content

Anatomy

The page displays course information and content sections. A sidebar on the left contains a course code, name, and navigation links. The main content area lists course content sections with their respective properties.

Element	Description	Properties
1	Course Content	Height: 292 Width: 266
2	Introduction to Programming	Height: 222.94 Text color: #000000 Text align: Center Font family: Inter Font weight: Regular Font size: 18 Letter spacing: -0.43 Line height: 22
3	Title	Height: 32 Width: 244.05 Text color: #000000 Text align: Center Font family: Inter Font weight: Semi Bold Font size: 24 Letter spacing: -0.43 Line height: 22
4	# of Tasks to do: 0	Width: 188 Text align: Center Font family: Inter Font weight: Medium Font size: 20 Letter spacing: -0.43 Line height: 22
5	# of Upcoming Events: 2	Width: 247 Text align: Center Font family: Inter Font weight: Medium Font size: 20 Letter spacing: -0.43 Line height: 22

Upcoming

Anatomy

The page displays course information and an upcoming events section. A sidebar on the left contains a course code, name, and navigation links. The main content area shows an event with its properties.

Element	Description	Properties
1	Upcoming:	Height: 108.38 Width: 368.63
2	Segmented	Depends on: Segmented Segments: 2 Density: 0
3	Line 3	Border color: #FFB850 Stroke alignment: C Border weight: 3
4	May 20, 2024	Height: 25.62 Width: 111.36 Text color: #000000 Text align: Center Font family: Inter Font weight: Regular Font size: 17 Letter spacing: -0.43 Line height: 22
5	Upcoming:	Height: 25.62 Width: 103.27 Text align: Center Font family: Inter Font weight: Semi Bold Font size: 20 Letter spacing: -0.43 Line height: 22

Group 26

Anatomy

The page displays course information and group materials buttons. A sidebar on the left contains a course code, name, and navigation links. The main content area shows buttons for course materials and my notes.

Element	Description	Properties
1	Course Materials	Height: 52 Width: 316
2	My Notes	Height: 52 Width: 108 Background color: #FFB8500 Border color: #FFB8500 Border weight: 1 Border radius: 20
3	My Notes	Text color: #000000 Text align: Center Font family: Inter Font weight: Semi Bold Font size: 20 Letter spacing: -0.43 Line height: 22
4	Course Materials	Height: 52 Width: 178 Background color: #FFB8500 Border color: #FFB8500 Border weight: 1 Border radius: 20
5	Course Materials	Text color: #000000 Text align: Center Font family: Inter Font weight: Semi Bold Font size: 20 Letter spacing: -0.43 Line height: 22