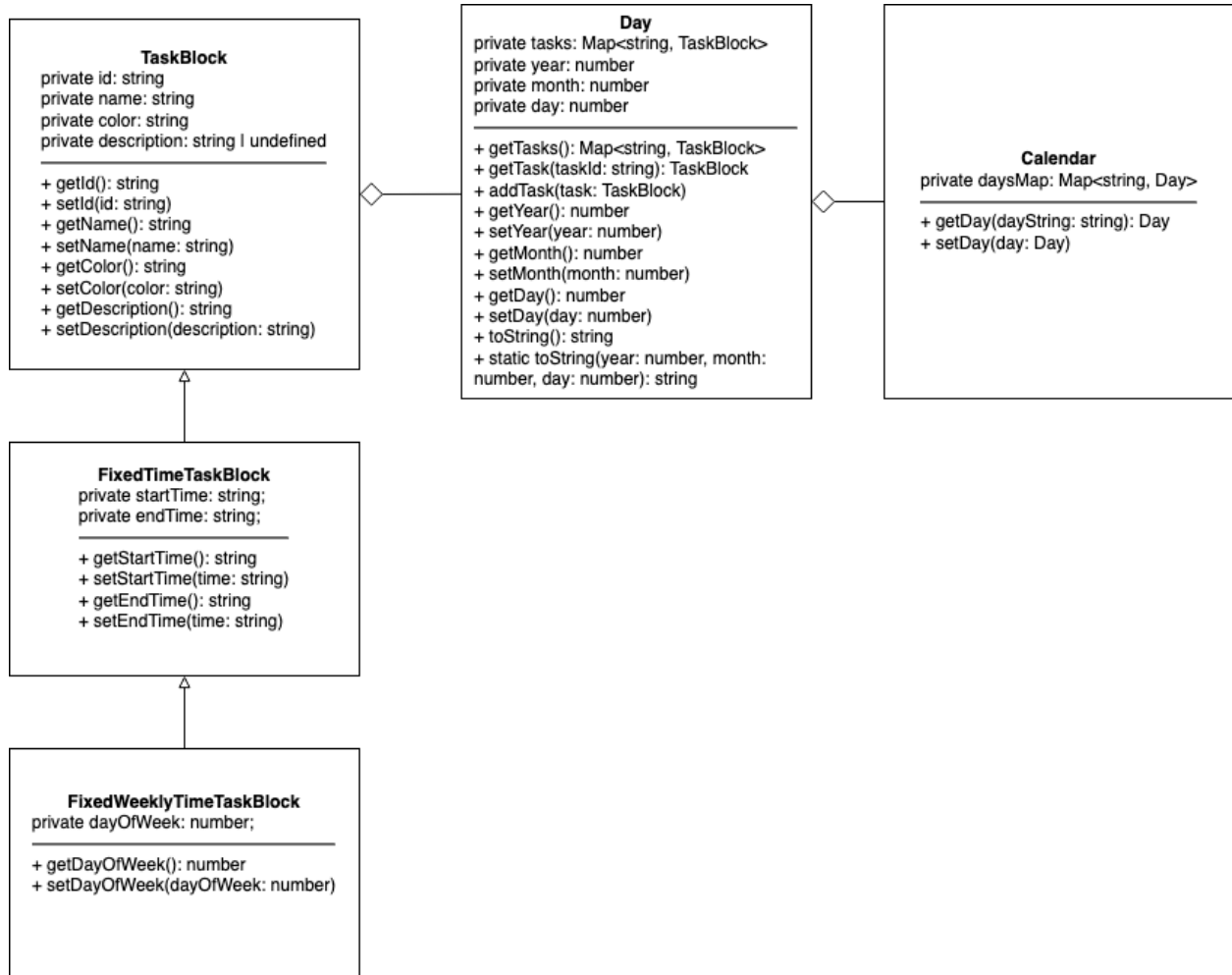
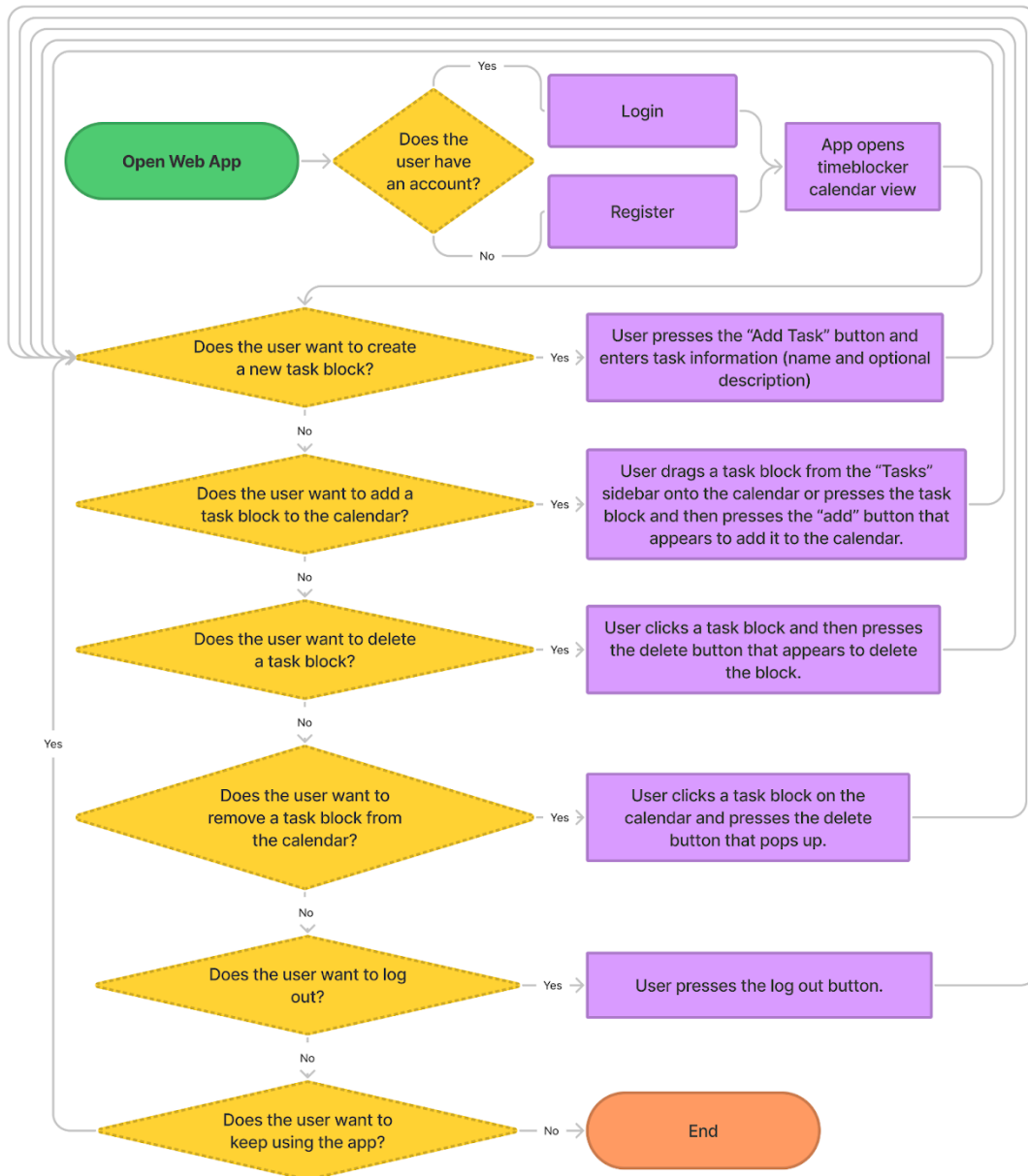


Criterion B: Design

UML Diagram



Flowchart



UI Design

Login Page

Login

Email

Password

Login

[Don't have an account?](#)

Redirects to Timeblocker Day View Page

Redirects to Register Page

Register Page

Register

Email

Password

Password

Register

[Already have an account?](#)

Redirects to Timeblocker Day View Page

Redirects to Login Page

3

User can toggle the task block sidebar to make the calendar larger

Timeblocker Month View app

Tasks

- Physics Class/ Homework
- English Class/ Homework
- Computer Science Class/Homework
- Math Class/ Homework
- Coding Side Project
- Extended Essay
- Hang out with Friends
- Reading
- Checking Emails
- Morning Routine
- Evening Routine
- Programming Club Workshop

November 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

Month Week Day

View Switcher that changes the calendar view between month, week, and day view

Programming Club Workshop

Month Week Day

**Tasks**

- Physics Class/
Homework
- English Class/
Homework
- Computer Science
Class/Homework
- Math Class/
Homework
- Coding Side Project
- Extended Essay
- Hang out with
Friends
- Reading
- Checking Emails
- Morning Routine
- Evening Routine
- Programming Club
Workshop

Wednesday, Nov. 17, 2021

0:00 - 7:30	
7:30 - 8:00	Morning Routine
8:00 - 9:00	Coding Side Project
9:00 - 11:30	English Class/ Homework
11:30 - 11:45	Lunch
11:45 - 12:15	Checking Emails
14:45 - 17:00	Programming Club Workshop
17:00 - 19:00	Extended Essay
20:00 - 21:30	Physics Class/ Homework
21:30 - 22:00	Evening Routine
22:00 - 24:00	

Month Week Day

User can drag and drop
these task blocks onto the
calendar.

Product Development Plan

Function	Comments
<p>Account Entry Screens</p> <ul style="list-style-type: none">• Login Screen• Register Screen <p>Time: 1 week</p>	<p>To synchronize the user's calendar across multiple devices, they'll need to create and login with an account. However, it'll still be possible for them to use Timeblocker without an account, but the data will be saved on their machine and won't be synced across devices.</p>
<p>The Task Blocks Sidebar</p> <ul style="list-style-type: none">• Ability to create, update, and delete task blocks• Sorting, filter, and categorization functions• Implementing different types of task blocks <p>Time: 3 weeks</p>	<p>The user needs to be able to manage their task blocks on the sidebar, and because they can have many tasks, they need an easy way to navigate through these tasks and categorize them.</p>
<p>The Calendar View</p> <ul style="list-style-type: none">• Month, Week, and Day views• Time Grid in Day View <p>Time: 3 weeks</p>	<p>The calendar view needs to support three different view modes, the day view being the most complicated since it displays a detailed view of the user's tasks for that day. The user must be able to interact with the calendar and have the ability to drag tasks around to reorder them.</p>