Screen Sketches

Team #: 2_mstafa_8

Members:
Caiti Harts
Kaylee Maczek
Alex Young
Divya Lidder

Project name: *asap*

Actors:

Administrators:
- **Owns** a group calendar
- Ability to create/delete calendar
- Ability to add/delete events to calendar
- Ability to add/delete members
- Ability to assign tasks to members

Group Member:
- **Part of** a group calendar
- Ability to add events to calendar
- Ability to remove self from group
- Ability to

Individual User:
- **Has their own** calendar
- Ability to create/delete calendar
- Ability to add/delete events
- Ability to add/delete/complete tasks
- Ability to make and view multiple different calendars
- Ability to share calendar

Non-functional Requirements:

- **Cross-platform Support**: The application must be usable on all major platforms (e.g., iOS, Android, web) with a consistent user experience.

- **Localization**: The system should support multiple languages, time zones, and date formats for global users.

- **Response Time**: The application should respond to user actions (e.g., adding an event, switching views) within 2 seconds.

- **Maintainability:** Implement a database migration tool in order to be able to update tables.

Tables and Fields

Calendar-information on the calendar being created
- CalendarID
- OwnerID
- Privacy: who can see
- Name
- Description
- Timezone

Calendar User- Information on the calendar user for a group calendar
- Calendar User ID
- Calendar ID
- User ID
- Permissions: what they can do

Users-User account information
- UserID
- First Name
- Last Name
- Email

Schedule Item- item on the calendar
- ScheduleID
- Title
- Start
- End
- Description
- Category
- Frequency: how often it repeats
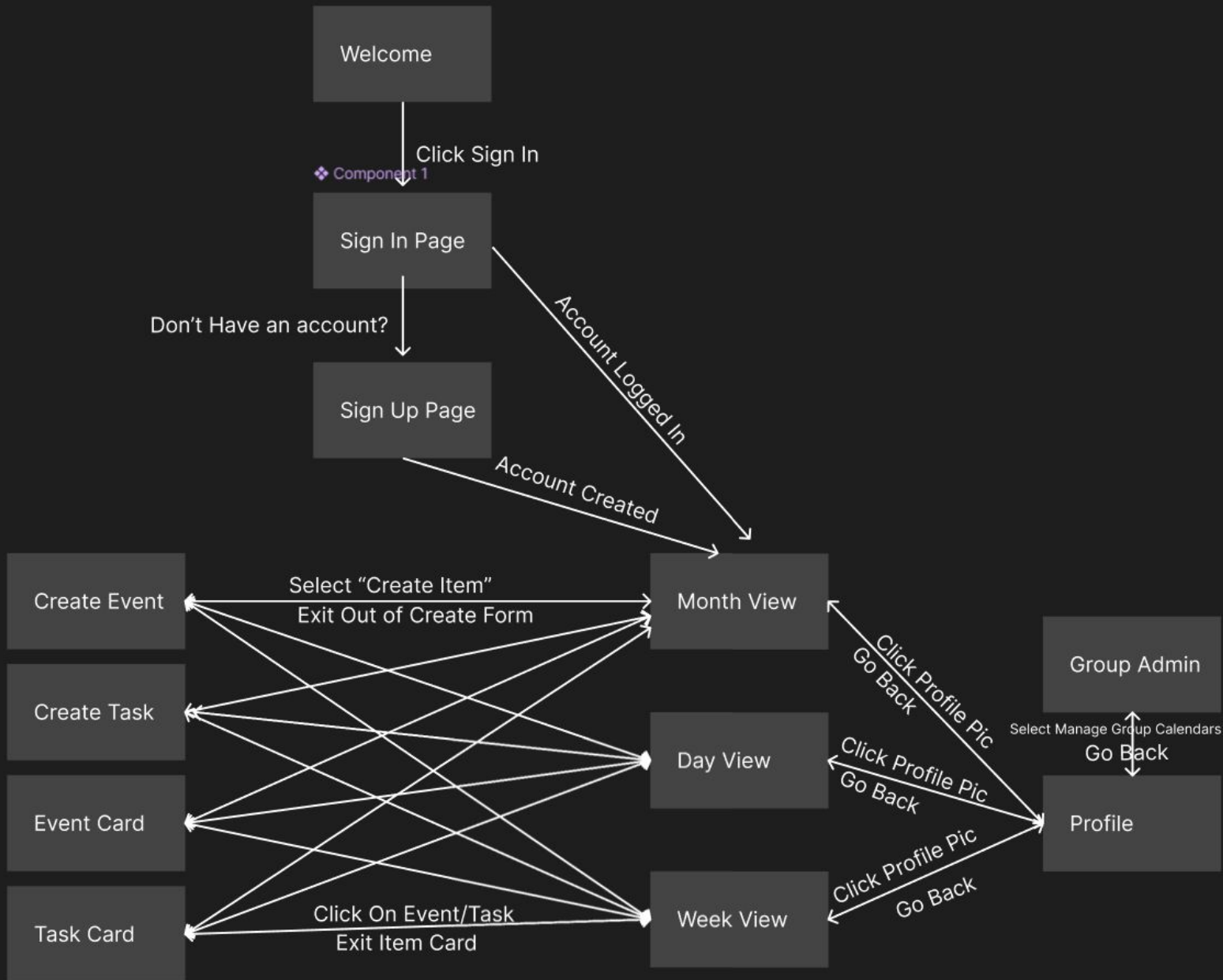- UserID
- CalendarID

Tasks- Tasks to do
- ScheduleID
- Due Date
- Priority
- Difficulty
- Duration
- Flexible: can it be moved around
- Auto: automatically schedule task

Events- events for user
- ScheduleID
- Location

Screen Flow

Screen Sketch 2: Mobile Task Creation (Alex Young)

Screen #3: Mobile Task Creation

This screen's purpose is to allow the user to create a new Task on the mobile. At the top of the form, there is an (1) input for the title of the task. Next is the (3) estimated duration input. The user will put the estimated duration of this task here. Then, the user selects a (4) self-assessed priority. This will be weighed when deciding when certain tasks should be scheduled. Similarly, for (5) the deadline flexibility, harder/softer deadlines will affect its scheduling flexibility. As for the due date, the user selects from the (5) deadline date picker the date and time. You can see in the top right the (2) submit button once the form is filled out.

Screen Sketch 3: Month View (Kaylee Maczek)

5 — Button that brings up the forms to create either a task or an event

3 — Button to set current day as today

Title of month selected

Section 3

9 — Switch between months

Mini view of calendar for easy date selection

4

Section 1

Section 2

Today

Month View

View Picker ▾

2

1 — Drop down menu that allows users to switch between views

Create

Sun	Mon	Tues	Wed	Thurs	Fri	Sun
1	2	3	4	5	6	7

June 2024 ›   ‹ ›

SUN MON TUE WED THU FRI SAT

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

Sun	Mon	Tues	Wed	Thurs	Fri	Sun
8	9 Event	10	11	12 Task	13	14

Calendars ▾

◉ calendar 1
◉ calendar 2

Sun	Mon	Tues	Wed	Thurs	Fri	Sun
15	16	17	18	19	20 Event / Task	21
22	23	24	25	26	27	28

Tasks ▾

☑ task1
☑ task2

Sun	Mon	Tues
29 Event	30	31

6 — Quick view of the tasks to be done, allows user to check them off as they do them

7 — Calendar selection; allows user to decide which calendars are displayed on the big view

8 — Show events and tasks on the day, with a title of what it is

Screen #3: Month View
This screen's purpose is to display the user's events and tasks for the whole month (8). The items are only displayed as titles, but shows everything that happens each day. The months can be switched between using the arrows near the month title (4), and the today selector (3) will bring the user back to the month we are currently on. They can switch the view with the view picker dropdown (1). On the sidebar, a mini calendar view is displayed for day selection (9), and there are two drop down lists (6, 7). One is to select which calendar(s) the user wants to see events and tasks from (6), and when selected will display items from that calendar, allowing usage of multiple. The task list shows the to-dos for the month and allows users to select them when completed (6). They can create a task or event using the create button above the calendar (5), which brings up the task/event forms. They can also click on a task/event on the calendar to bring up a card that has more information (8).

Screen Sketch 4: Week View (Alex Young)
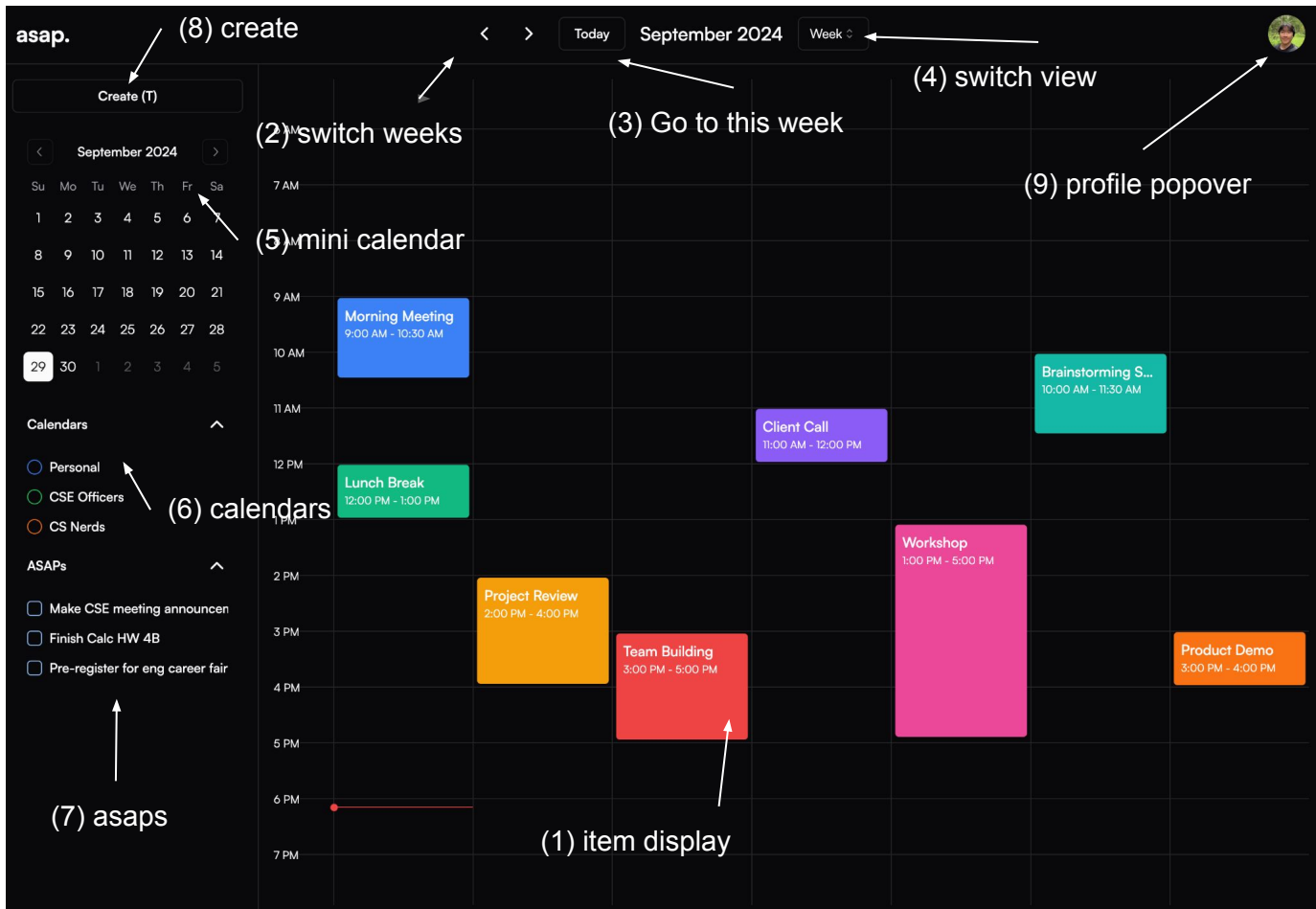
Screen #4: Week View

This screen's purpose is to display the user's events and tasks for the whole week. (1) The items displayed with their titles and times. (2) The week can be switched between using the arrows near the title, and the (3) today selector will bring the user back to the current week. (4) They can switch the view with the view picker dropdown. On the sidebar, there is a (5) mini calendar view is displayed for day selection, and two drop down lists. (6) One is to select which calendar(s) the user wants to see events and tasks from, and when selected will display items from that calendar, allowing usage of multiple. (7) The task list shows the to-dos with a priority of "Asap". They can (8) create a task or event using the create button above the calendar, which brings up the task/event forms. They can also click on a task/event on the calendar to bring up a card that has more information. Clicking any time slot on the calendar will also bring up the creation form, automatically filling in the start time. (9) The user can also click on their avatar to open up a profile popover.
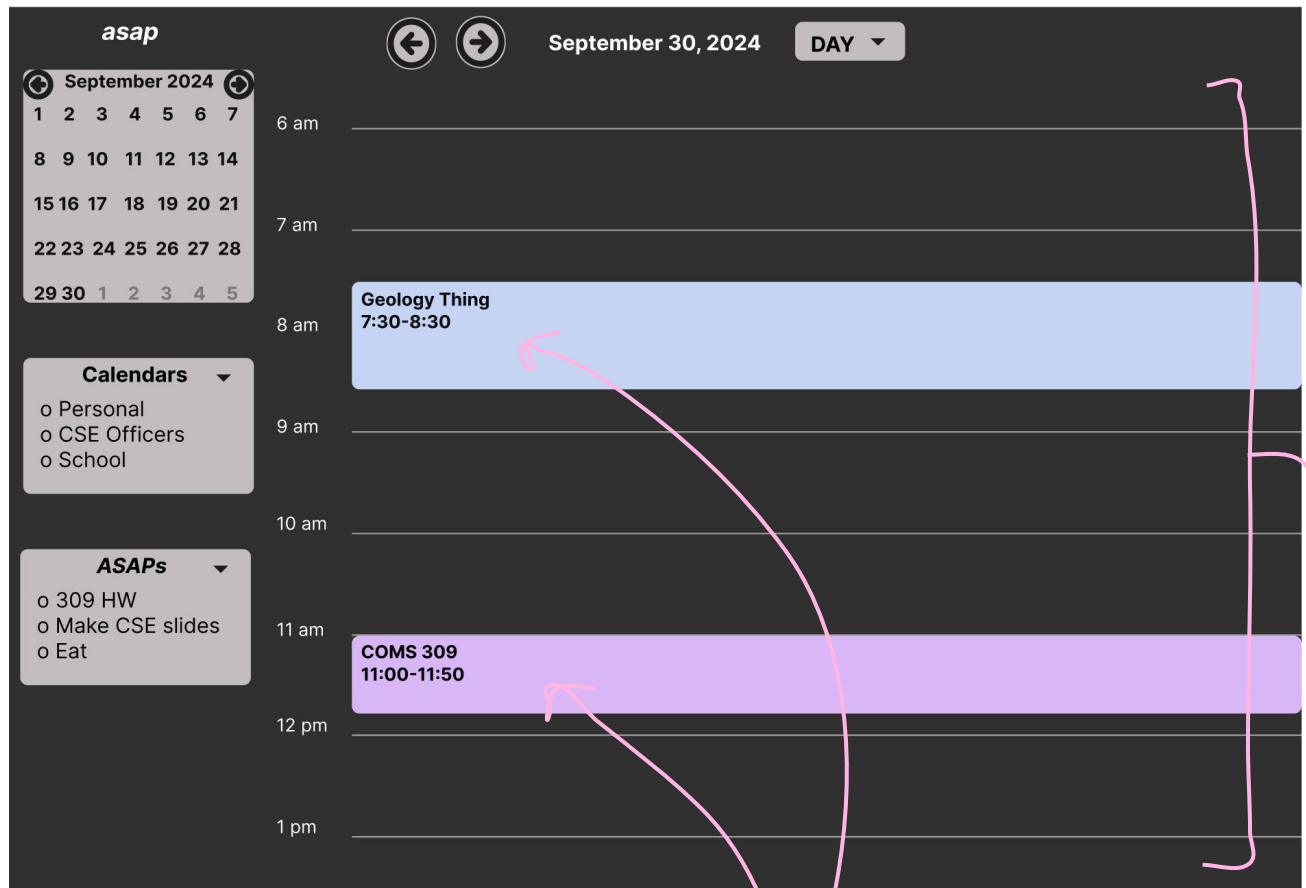
Screen Sketch 5: Day View (Caiti Harts)

6) Date shown at top, drop down to switch between views.

asap

September 2024

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

September 30, 2024   DAY ▼

1) Small calendar view to change/see dates.

Calendars ▼
o Personal
o CSE Officers
o School

2) View of all calendars, can select visibility.

ASAPs ▼
o 309 HW
o Make CSE slides
o Eat

3) View "asaps" (tasks) given by the AI, can select if completed.

6 am
7 am
8 am

Geology Thing
7:30-8:30

9 am
10 am
11 am

COMS 309
11:00-11:50

12 pm
1 pm

5) Colored tasks that show duration and can be clicked on to show more info.

4) The day view, shows hourly events.

This view allows a user to see a more detailed view of the day. On the left, they can see the whole month (1), their various calendars (2), and their tasks (3). On the actual hourly view (4), they can see specific events (5) and when they take place. We will also be adding functionality that allows the user to click on these events to display more information. At the top, they can also see the date and a dropdown to switch views (6). Overall, this view is designed for someone to edit and view a single specific day, and be able to see when events occur specifically. They can also add events from this view.

Screen Sketch 6: Group Admin View
(Caiti Harts)

6) Date shown at top, drop down to switch between views, and also the name of the group.

asap ⟵ ⟶ September 30, 2024 MONTH ▾

CSE Officers!

September 2024

1	2	3	4	5	6	7
	CSE Club!			Meeting		
8	9	10	11	12	13	14
	CSE Club!		Meeting			
15	16	17	18	19	20	21
	CSE Club! / Meeting					
22	23	24	25	26	27	28
	CSE Club!				Meeting	
29	30	1	2	3	4	5
	CSE Club!			Meeting		

September 2024
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

1) Small calendar view to change/see dates.

Members ▾
o Caiti
o Kaylee
o Alex
o Divya
Edit Members

2) View members, ability to add/delete members.

asaps ▾
o Create slides
o Get pizza!
o Recruit
Assign/Edit Tasks

3) View "asaps" (tasks) given by the AI, can select if completed. Can also edit the tasks and assign them to specific people.
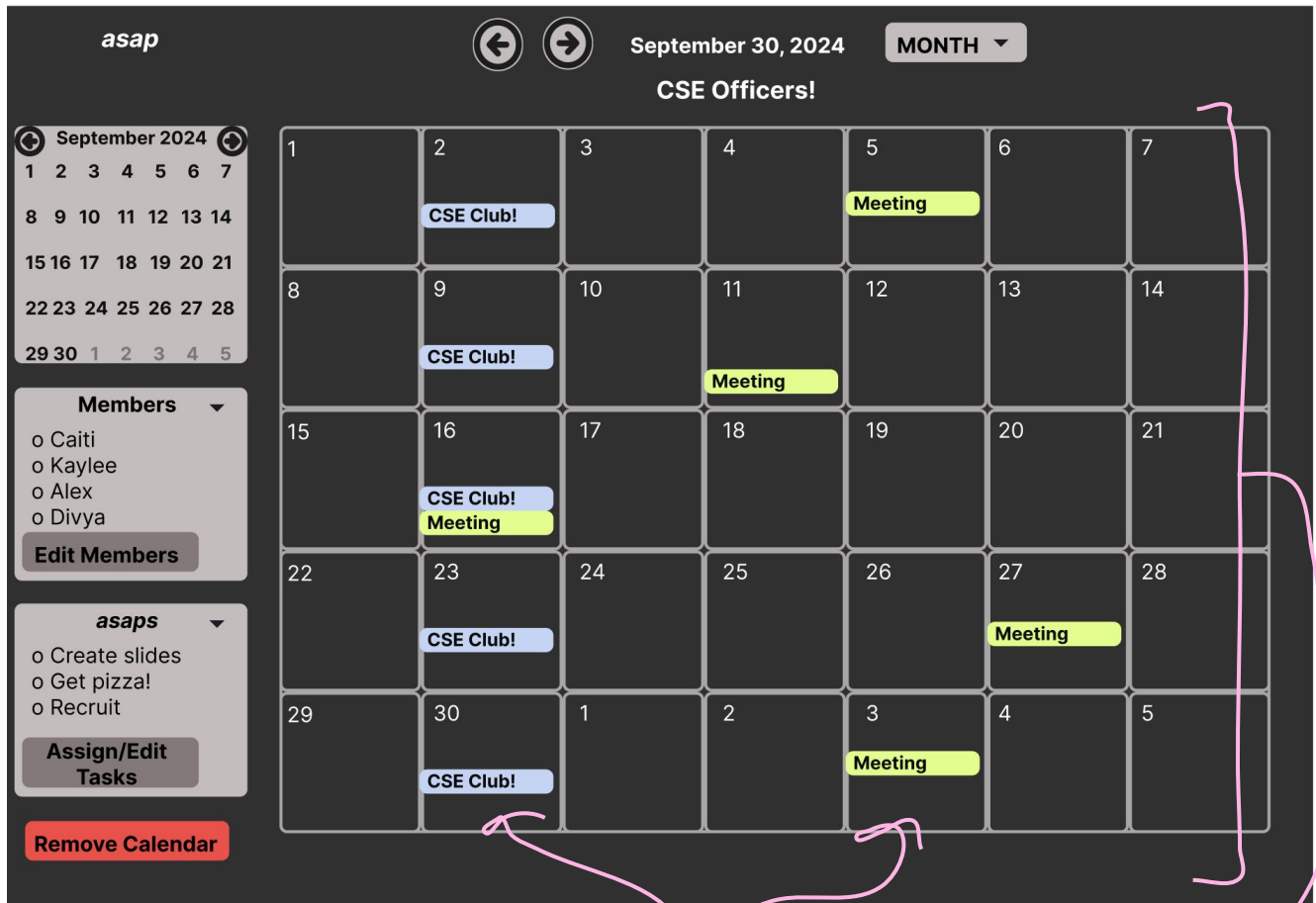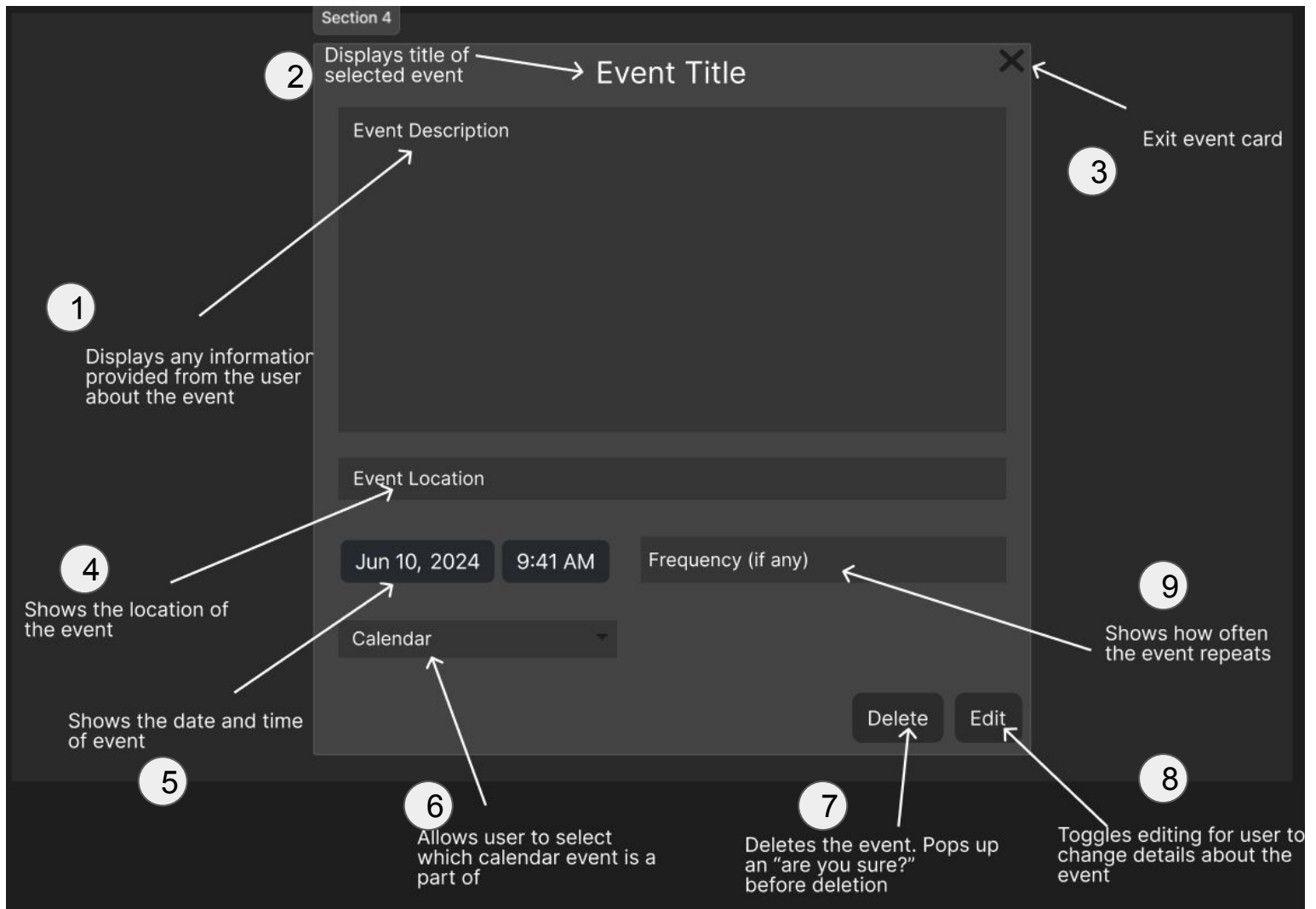
Remove Calendar

7) "remove calendar" feature allows the admin to delete the group.

5) Colored tasks that show what date they are on and can be clicked on to show more info.

4) Full calendar view.

This view allows a group administrator to edit events, members, and tasks. The user can get to this by going to their profile and it is what will come up for "edit my groups > CSE Officers!" There is a small calendar view (1) to see the whole month and be able to switch months. Then on the left there is also a tab to see current members and also add/delete members (2). Furthermore, there is a tab for various tasks as assigned by the AI, but the admin can also assign tasks to certain people and edit them (3). The full calendar view is an example of what could be shown as far as tasks for the group, but you can also switch to different views (4). Little tabs on the calendar show the specific events associated with the group (5), and the admin can click on them to edit/delete/add. At the top the admin can see the date and what group they are currently editing, and change the view (6). Lastly, the admin can remove the calendar (group) when it is done being used. For this reason, an admin cannot leave a group because it would make the calendar exist forever which would not be good.

Screen Sketch 7: Event Card (Kaylee Maczek)

Section 4

2 — Displays title of selected event → **Event Title**

✕ ← Exit event card (3)

Event Description

1 — Displays any information provided from the user about the event

Event Location

4 — Shows the location of the event

Jun 10, 2024   9:41 AM   Frequency (if any)

9 — Shows how often the event repeats

Calendar ▾

Delete   Edit

5 — Shows the date and time of event

6 — Allows user to select which calendar event is a part of

7 — Deletes the event. Pops up an "are you sure?" before deletion

8 — Toggles editing for user to change details about the event

Screen #7: Event Card
The purpose of this page is to display more information on an event when the user selects one from the calendar. Since the calendar only shows title, date, and maybe time, the user will want a way to see all the details of an event. This card shows the title, description, location, date, time, frequency, and which calendar the event is a part of (1-6)(9). There are also options to delete (7) and edit (8) the calendar. The delete button will send a verification message to make sure the user actually wants to delete it. The edit button will show the same card, but allow the user to change the details of the event, updating it respectively.
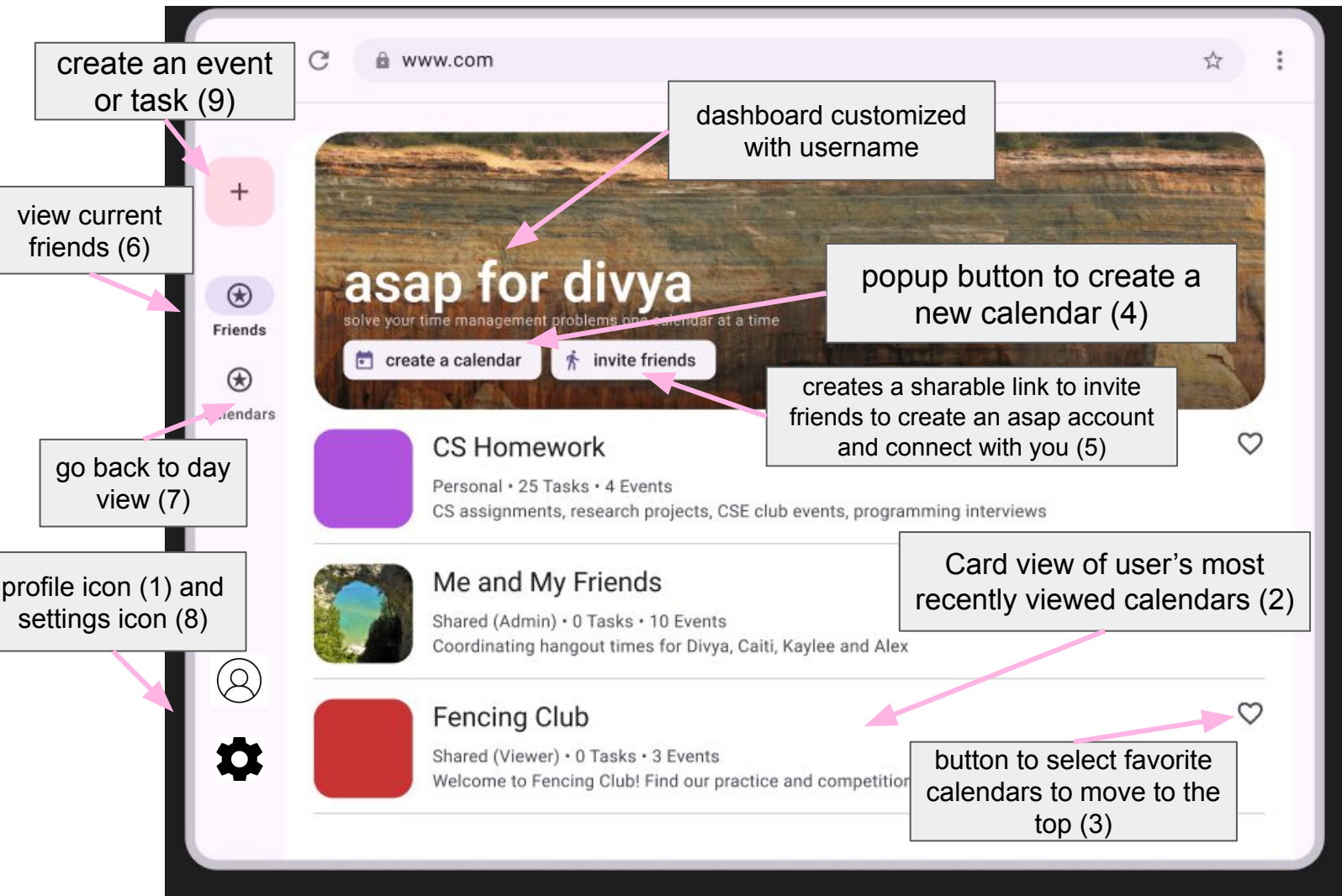
Screen Sketch 8: Task Card (Divya Lidder)

Task Title

Due Date

Jun 10, 2024   9:41 AM

Priority

High

Duration (Hours)

1.5

Difficulty

Easy

Calendar

CS Classes

Details
- Do this before working on 342
- Text group chat to ask about font size

☑ Flexible?

☑ Auto Schedule

Create Task

Text input field to set task title (2)

Dropdown: select ASAP, high, medium or low priority (3)

Text input: How many hours do we expect the task to take (4)

Dropdown: Easy, average, difficult (5)

Which calendar should this task be associated with, if any? (6)

Explanation of task or reminders/details (9)

Boolean flag: Is the date/time this task is completed flexible? (7)

Scrolling wheel to set the date and time the task should be completed by (1)

Boolean flag: Does the user want this task to be auto-scheduled? (8)

Create task onclick (7)

Screen #8: Task Card
The purpose of this screen is to allow users to create new tasks. This screen pops up when a user attempts to create a new task. They are able to use the scroll bars, dropdown menus and text input fields to design the task to their specifications (1-5)(9). The calendar field is not required, so it will default to the user's personal calendar (6). Additionally, only calendars the user has editing access for will be available as options. Once they are finished customizing all the input fields and have selected the "create task" button (7), the task will be automatically created, and if "auto-schedule" and "flexible" are selected, will be automatically scheduled and placed on the specified calendar (8). If auto-schedule is not selected, it will be placed in the "asaps" list on the left side of the month/day view without being scheduled in the calendar.

Screen Sketch 9: Task Card (Divya Lidder)

create an event or task (9)

view current friends (6)

go back to day view (7)

profile icon (1) and settings icon (8)

dashboard customized with username

popup button to create a new calendar (4)

creates a sharable link to invite friends to create an asap account and connect with you (5)

Card view of user's most recently viewed calendars (2)

button to select favorite calendars to move to the top (3)

asap for divya
solve your time management problems one calendar at a time

📅 create a calendar   🚶 invite friends

CS Homework
Personal • 25 Tasks • 4 Events
CS assignments, research projects, CSE club events, programming interviews

Me and My Friends
Shared (Admin) • 0 Tasks • 10 Events
Coordinating hangout times for Divya, Caiti, Kaylee and Alex

Fencing Club
Shared (Viewer) • 0 Tasks • 3 Events
Welcome to Fencing Club! Find our practice and competition

www.com

Friends

lendars

Screen #9: Dashboard
The purpose of this screen is to allow users a birds-eye view of all the different calendars they are a part of and allow them to connect to other people. User can click their profile picture in any other screen (1) to open up their dashboard, which shows them a list view of all their calendars (2), sorted by how recently they have viewed that specific calendar. Favorite calendars are also moved to the top (3). Each card has the title and description of the calendar, in addition to the user's role, number of tasks and number of events that the calendar has (2). Users have the option to create a new calendar (4) or invite friends (5) at the very top of their screen, and they can view a list of their current friends (6), as well as transfer back to the day view on the sidebar on the left (7). The profile icon (1) opens a popup with all the different screens, and the settings icon allows the user to configure UI settings like light/dark mode and view their username/password/timezone and other secretarial information (8). Users can also have a quick way to create a new event or task, which opens up a popup screen in our previous screen sketches.