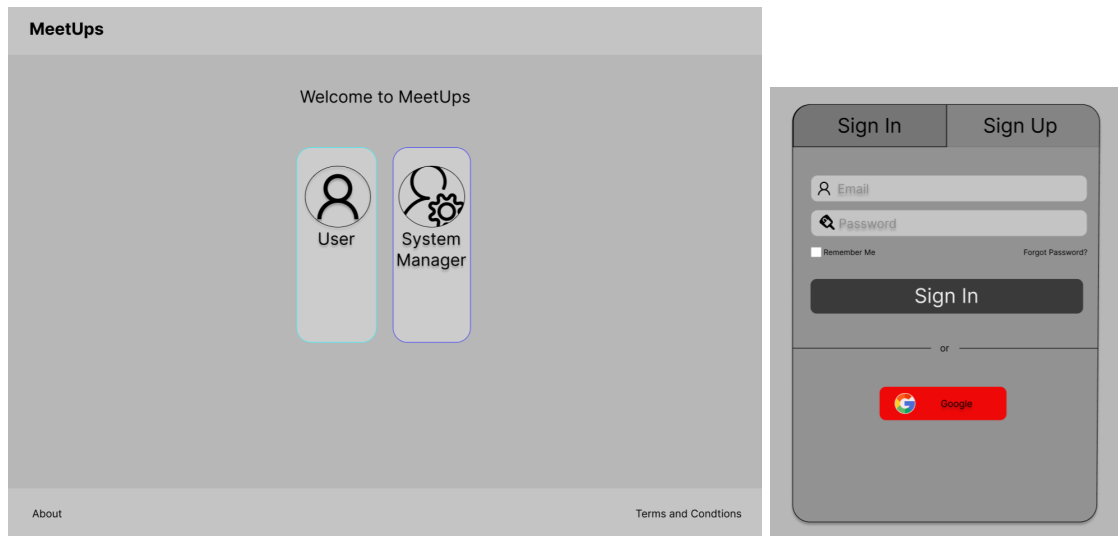


Feature Plan



When visiting our website/webapp,

- User starts on the Landing (or Sign In) page. This landing page is basic and only prompts the user to login to the webapp.
- Users can choose between logging in as a User or a System Admin.

Two links are present in the footer of the page, linking to an About page, and a Terms & Conditions page.

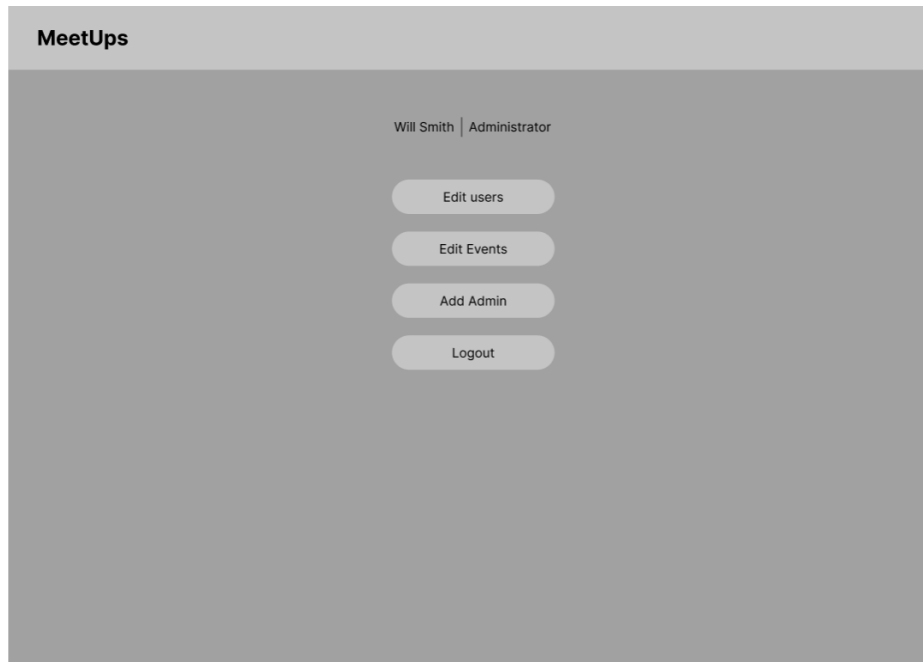
About: Short page describing the webapp and its creators.

Terms & Conditions: A mockup on what the terms and conditions would look like.

If System Admin is chosen:

The user is prompted to login via email and password only on a signin form.

Once Logged in, the session token is given and the administrator can choose one of the options below.



Edit Users, Edit Events, Add Administrator, Logout.

Edit Users: An Admin is given a list of all users in the database, and is able to select a user and edit their details, or remove the user from the database. The admin can also filter out the user list with a checkbox to only display administrators in the database and edit/remove them. This is done by querying the user database with a specific boolean check.

Edit Events: Similarly, an Admin is given a list of all events, and is given the option to change the details of an event, cancel or remove the event entirely.

Add Administrator: The admin is given a form to add the new admin.

Logout: The administrator can log out of their session with this button. It invalidates their session token and are redirected back to the signin page.

If User is chosen:

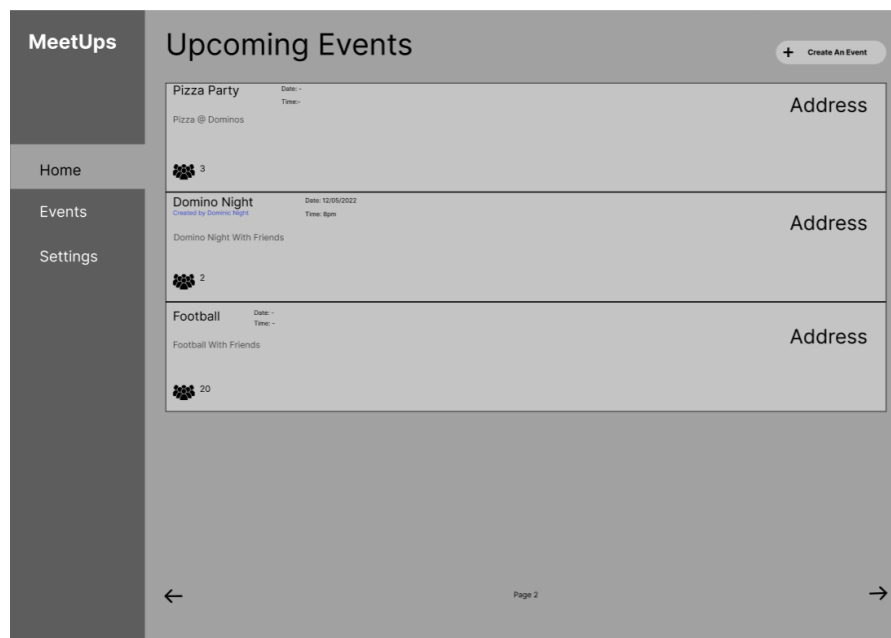
The user is shown a login form with an option to sign in or sign up.

User with an account:

- the User logs in using his email and password in the sign-in form or using a third party logging provider like Google. The database generates a session token for the user and is redirected to the Home page.

New User:

- The user enters their first and last name, email, password into the signup form, or the user can choose to sign up using third party login providers like Google. Once submitted, the database creates the user entry in the database, and the user is redirected to their Home page.



Home page:

Displays a list of events that is confirmed/finalised. The event list is retrieved from the database and is sorted by displaying only events with a valid finalised_time.

Navigation bar:

On Desktop, most of the pages feature a navigation bar on the left side with 3 options: Home, Events, and Settings. The Home page is described above.

On Mobile, the navigation bar is hidden to preserve screen space, and is accessible through a button on the top-left. On button click, the navigation bar appears and can be closed similarly.

MeetUps

Settings

First Name: N Julia

Last Name: L Robbins

Email: JuliaRobbins@skynet.com

Password: *****

[Link Calendar](#)

Email Notifications:

- Notify me when events are finalized ☐
- Notify me of any event cancellation ☐
- Notify me a day before events ☐
- Notify me when users respond to events ☐

[Save Changes](#) [Logout](#)

Settings page:

Users may change their name, email, username and password in this page using the form provided.

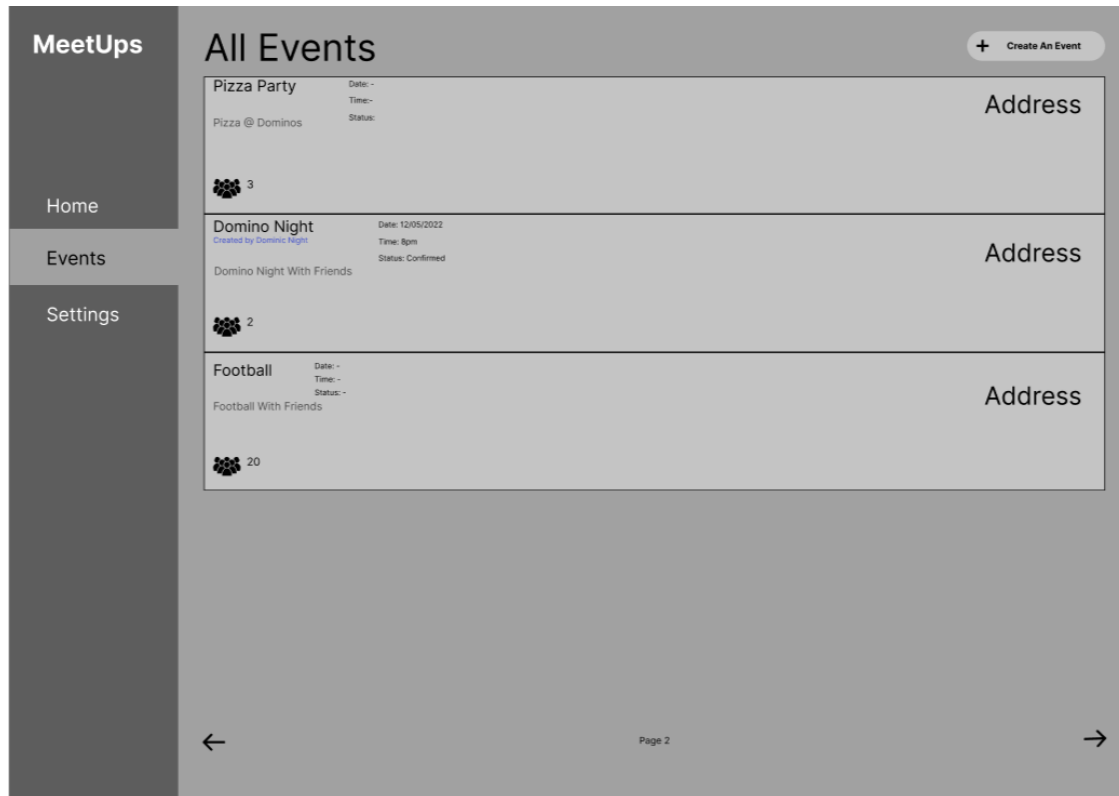
Users may also update their email notifications settings, and link their calendar in this page.

Email Notifications:

Users can choose to receive email notifications when an event is finalised, when an event is cancelled, one day before an event or when a user responds to an event.

In order to save changes, the user clicks on the “Save Changes” button, which sends the form info to the database, and updates the user’s details accordingly.

Users can also logout of their account from this page, where it will redirect them back to the signin page, and invalidate their session token.



Events page:

Users can navigate to Events using the navbar on the left which will display all events to which the user has created, or has responded to via a link, and whether the event has been confirmed, cancelled, expired or pending. The event name, status, number of people who responded, the event creator, location of the event, date/time is displayed for each event. They also have the ability to navigate between pages of events (~10 events per page) using the arrow buttons at the bottom. The list of events are queried from the database using the user's user ID, and their respective details are retrieved using their respective event ID's. The User can also create a new event using the "Create an Event" button.

MeetUps

Create New Event

E Event Name*

Event Description...

Event Duration

Street name

Street number

State

City

Postcode

Country

June 2022

Mon Tues Wed Thurs Fri Sat Sun

← →

←

Create Event

Event Creation:

On the Events page for a logged-in user, the user can create a new event using the “Create an Event” button. This redirects the user to the “Create an Event” page, where the user (now the event creator), can add details to their event. Details include an event name, an event description, the event duration and the option to set multiple possible dates for the event. After this, the event creator “creates” the event, the database assigns the event ID to the event and registers the event details, the event link is generated, and the event creator is free to distribute that link to whomever they want.

Event link page:

The event link (is a unique link generated from the database) directs a user to the event link page that tells the user that they have been invited to the event and requests the user provide their availability via choosing their available hours for each of the dates that were set by the event creator. A logged-in user will have the option to filter out the date and time combinations automatically if they have linked their calendar, and also automatically adds the event to their event list. (i.e They would be able to see this event via their Events page.) A logged-in user who has already responded to the event link (which can be checked via seeing if an entry exists with their userID and the corresponding eventID), will be redirected to the event page instead.

The mockup shows a web interface for 'MeetUps'. On the left is a dark sidebar with navigation links: 'Home', 'Events' (highlighted), and 'Settings'. The main content area has a header '<Event_Name>' and a sub-header 'Event Description, Lorem Ipsum dolor sit amet'. Below this, it shows 'Duration: <Event_Duration>' and 'Number of guests responded: 3'. A date selection section includes a 'Date*' input field with a calendar icon, a dropdown menu with the text 'calendar or list of dates?', and a 'Possible time' checkbox. At the bottom, there is a back arrow, a 'Cancel Event' button, a 'Get Event Link' button, and a 'Confirm Event' button.

Event page (Event Creator):

Once an event is “created”, the event creator is redirected to the event page and can revisit this event from their Events page. The event creator can now review the details of the event, retrieve the event link, and view all of the possible date/time combinations selected for the event. In addition, the page now displays the number of times the event link has been responded to, and a list displaying the combined date/times that other users have responded. The list will show the event creator if there is a possible date/time combination where all users who responded are able to attend the event. This is calculated in the backend.

At this point, the event creator has two options:

If the event creator is unable to find a possible date/time where every user can attend the event, the event can be cancelled, or rescheduled. If the event creator chooses to reschedule, the event creator is asked to provide a new set of dates, and once submitted, all previous responses to the event link are dropped, and the event creator may resend the event link to regather user availability. If the event is cancelled, the event page is listed as “cancelled” on the event page, and the user may remove it from their events page via a button.

If the event creator is able to find a date/time where all users may attend once they have determined that they have enough responses, the event creator can “confirm” the event with a single selected date and start time, and the time is finalised once submitted. The event in the database is updated with the valid finalised time, and the event link is invalidated.



Event page (Non-Event Creator):

A user is able to view the event details of an event they have responded to via the Events page. They will also be able to see their submitted date/times for the event, and also whether the event is “confirmed”. If it is confirmed, the user will be able to see the actual finalised time for the event. If an event is rescheduled, and the user has not removed the event from their Events, they may resubmit their availability from this page. If the user has responded, and the creator has not finalised the event yet, the status will read “Pending”. The status is calculated via checking if the finalised time in the database is valid, and if it has passed.

Additional Event Statuses:

If an event has not been confirmed by the latest date listed on the event, the event is listed as “expired”, the event creator may now either cancel the event or reschedule. A non-event creator user may remove the event from their event list.

If an event has been confirmed and has passed its duration, the event is listed as “ended”. The event creator or user may now remove the event from their events. Once every user has removed the event, the database can remove the event from its database as well.

Additionally on Mobile, the same features are available, with the most notable difference being navigation between pages. Many pages now feature a “back” button to navigate to previous pages and an expandable sidebar which holds the navigation links.