

Event Scheduling Web App

API Endpoints

- /user
 - POST
 - Adds a new user
 - Submits data about the user structured as JSON
 - Returns with confirmation that user was registered and a credentials cookie
- /user:user_id
 - GET
 - Get a user by their ID
 - No header submitted
 - Returns with user data
 - PUT
 - Update info about a user
 - Submits a header with the user ID, login credentials, and any changes, such as a different email, formatted as a JSON object
 - Returns with confirmation that the data was updated
- /login
 - POST
 - Logs a user in
 - Submits a header with the email and hashed password, formatted as a JSON object
 - Returns with confirmation that the user was logged in and a credentials cookie
- /event
 - POST
 - Creates a new event
 - Submits data about the event (including heatmap and availability responses so far) structured as a JSON object
 - Returns a url to the event, which contains the event ID
- /event:event_id
 - GET
 - Gets an event by its ID
 - No header submitted
 - Returns data about that event as a JSON object
 - POST
 - Provides a user's time availability for the event

- Submits a user's availability structured as a JSON object
 - optionally includes their user ID or email
 - Returns with confirmation the availability was submitted
- PUT
 - Provides an update for a user's availability
 - Submits any changes from the user's current availability structured as JSON
 - must include their user ID
 - Returns with confirmation the availability was updated
- /myevents:user_id
 - GET
 - Gets all events where the user is an organizer or a participant
 - Optionally submits a header explaining any filters, such as date range, only events they organized, or only events they participated in, formatted as a JSON object
 - Returns with data about the events formatted as a JSON object
- /finalize:event_id
 - POST
 - Chooses which start and end time to use for the event
 - Submits the start and end time and credentials to verify the request is by the event organizer, formatted as a JSON object
 - Returns with confirmation the time was accepted and that attendees will be notified