# Meetup Scheduler

CPSC 254

California State University, Fullerton

By Emma Jauregui and Jay Vang

https://github.com/JVng36/CPSC254_Project

# Installation

Steps

1. Download the code from Github: https://github.com/JVng36/CPSC254_Project
2. *cd my-app*
    a. Important to be in the correct directory.
3. *sudo apt install npm*
    a. Can skip if npm is already installed on machine.
4. *npm install*
    a. If issues arise, may be prompted to use *npm install – force*. In which case, it is okay to do so.
5. *npm run dev*

Optional

*npm run build* - Can be used to compile web applications as a production build. This will allow the app to be hosted and deployed on a web server.

# Technologies

## Languages

1. HTML
2. CSS
3. Javascript

## Frameworks

1. Svelte.kit - Frontend
2. TailwindCSS

## Libraries, Modules, Databases, Etc.

1. Bcrypt - Hash and encrypt passwords for authentication
2. SQLite 3 - Database
3. Date-fns -
4. npm (Node) - Package manager for Svelte and Node usages
5. VsCode - Source-code editor

Operating Systems:

1. Windows
2. Linux

# Proposal

The objective of this project is to create a web application. This web application will be able to find the available time slots of multiple users for them to meet up. It will have user authentication and a calendar. It will also serve as a learning experience.

# How to Use

1. Users will create an account using Registration or Login with existing account

2. Users will navigate to the dynamic calendar and select time slots of corresponding dates which they are available

3. Though nonfunctional, users would have been able to create group sessions to compare their saved timeslots and therefore output the most optimal time frames to meet. Ideally this would include a visual representation of such, where availability of all team members would be colored darkest and availability of less team members would be lightest.