



Introduction to Databases : Project Part 3

Shamin Aggarwal (sa4129), Caspar Lant (al4397)

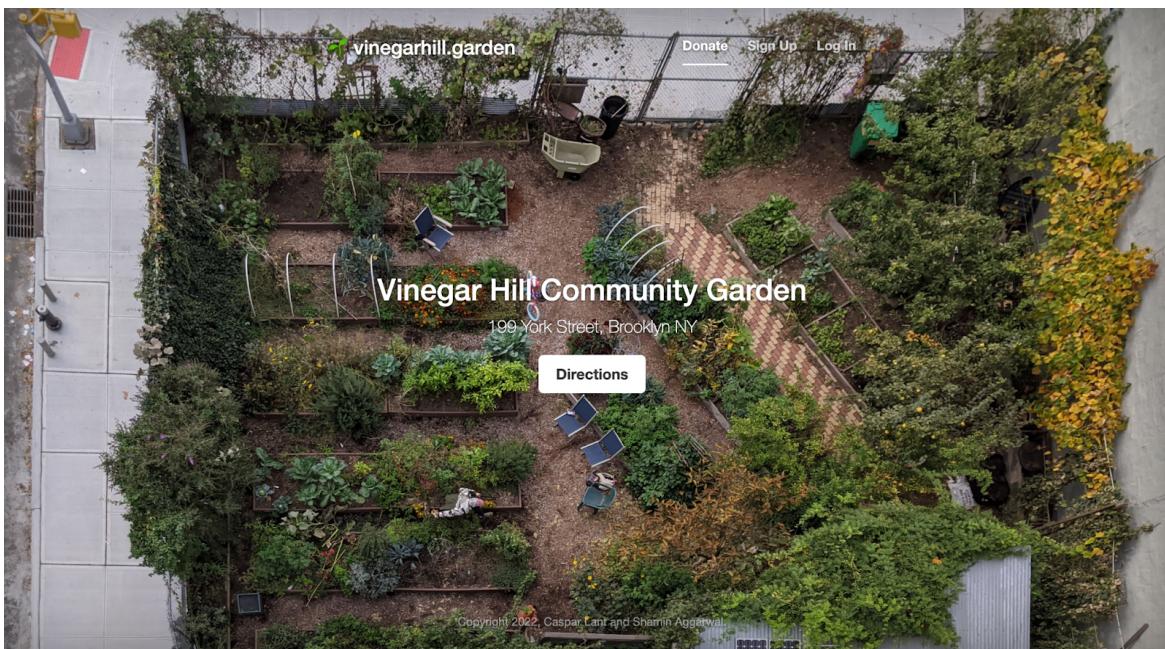
Website Description:

Google Cloud VM URL : 34.148.100.210:8111 (but preferably just navigate to vinegarhill.garden, hosted on Vercel)

GitHub Repository : <https://github.com/caspar/VHCG/tree/production>

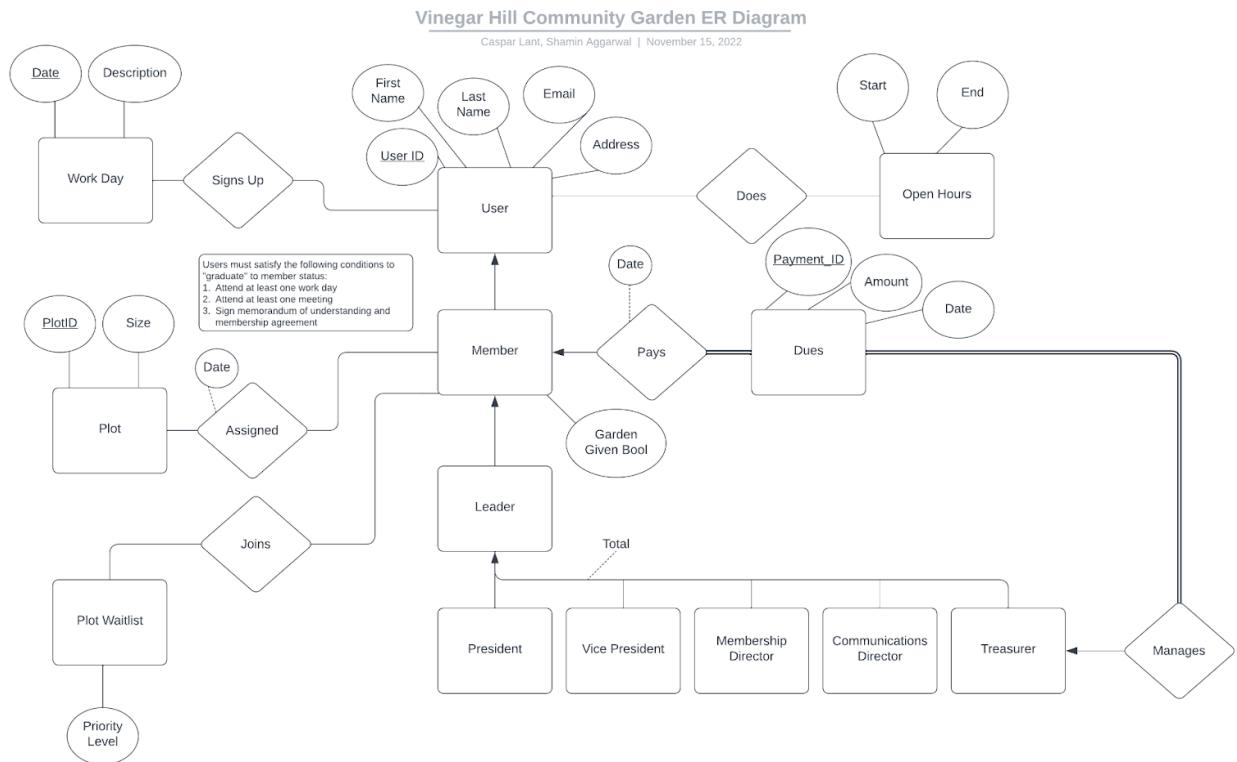
This project aims to serve the complex administrative needs of Vinegar Hill Community Garden in Brooklyn. We have designed a website with the following functionality:

- Splashy landing page with general information and directions to facilitate wayfinding and bolster public engagement.
- User registration with Google Groups integration for the garden mailing list
- Members can:
 - Sign up for open hours
 - Sign up for workdays
 - Pay their dues
 - Change login information
 - Join the bed waitlist
- Social integration with Garden's Instagram account, @vinegarhillgarden
- Auto-populated donation link via PayPal API



The landing page and membership portal pages are designed with distinct interfaces and CSS stylings to highlight their functional differences.

Changes to Schema:



New Tables:

Work_Days, Work_Day_Signups -

We added a new functionality to the website for users to sign up to attend 'work days' and view which other members are already signed up for each day.

Future goals:

- Add a content management system (CMS) so tech Luddites can alter the website
- Increase security with password hashing or 3rd party authentication.
- Display signups in calendar format with one of many choices of React library

Software Stack:

Frameworks and Libraries: Flask, SQLAlchemy, Skeleton.css, Bootstrap, others

APIs: Google Maps API, Google Groups API, Paypal API, Social integrations

Hosting and Deployment: Github, Vercel, ImprovMX (for email forwarding)