SynergySphere - Social Welfare Website

SynergySphere is a social welfare website that allows users to create communities for various social causes and events to raise awareness about social issues. Users can create and join communities, create and register for events, and follow other users to stay updated with their activities. The website aims to provide a platform for people to come together and work towards creating a better society.

Technologies Used

SynergySphere is built using Django, a high-level Python web framework that follows the Model-View-Template (MVT) architecture. Django provides many built-in features for web development, such as a powerful Object-Relational Mapping (ORM) system, form handling, authentication, and more. In addition to Django, SynergySphere uses HTML, CSS, and JavaScript for the frontend design.

Features

SynergySphere has the following features:

1. User registration and login
2. User profile management
3. Community creation and joining
4. Event creation and registration
5. Like, unlike, and save posts
6. Comment on posts
7. Follow and unfollow users
8. Follow and unfollow communities
9. Edit and delete posts and events
10. View user and community profiles
11. User and community event creation
12. User and community event registration
13. User problem creation
14. User and community event list view (50% ready)
15. User problem list view (50% ready)
16. View list of followers and following (50% ready)
17. View list of community members and events (50% ready)
18. Community and user search (50% ready)

Installation

To run SynergySphere on your local machine, follow these steps:

1. Clone the repository using `git clone https://github.com/SumitRathor002/SynergySphere.git`

2. Change directory to the cloned repository using `cd SynergySphere`
3. Create a virtual environment using `python -m venv env`
4. Activate the virtual environment using `source env/bin/activate` (for Unix systems) or `.\env\Scripts\activate` (for Windows systems)
5. Install the required packages using `pip install -r requirements.txt`
6. Migrate the database using `python manage.py migrate`
7. Create a superuser using `python manage.py createsuperuser`
8. Run the development server using `python manage.py runserver`
9. Open your web browser and go to `http://localhost:8000`

Usage

Once you have the development server running, you can use SynergySphere as follows:

1. Register a new user account or log in to an existing one
2. Browse through the available communities and join the ones that interest you
3. Create your own communities and invite others to join
4. Create events and register for events created by others
5. Like, unlike, and save posts that you find interesting
6. Comment on posts to share your thoughts and opinions
7. Follow other users to stay updated with their activities
8. Follow communities to stay updated with their events and posts
9. Edit and delete your own posts and events
10. View your list of followers and following
11. View the list of members and events of the communities you belong to
12. View the profiles of other users and communities

Future Plans

In the future, SynergySphere plans to introduce the following features:

1. Chat feature to allow users to communicate with each other
2. More advanced search functionality to help users find communities and events more easily
3. More customization options for user profiles and community pages
4. Integration with social media platforms to increase reach and engagement
5. Mobile app development for