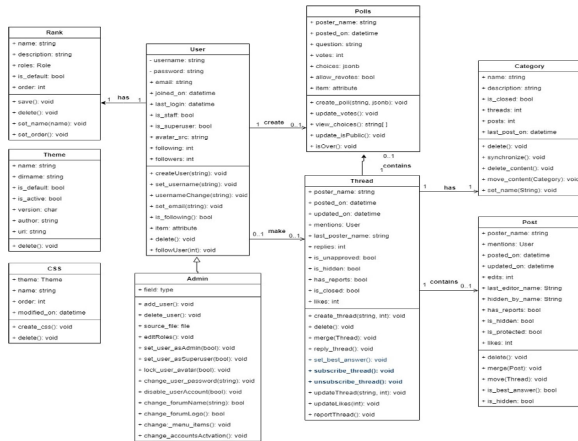


Problem:

New challenges have appeared for the community due to COVID-19 pandemic. One of those issues is misinformation and there is no central location to get all COVID-19 related news.

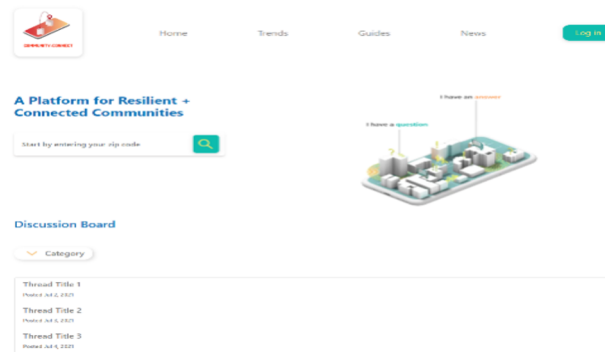
Database System Design:



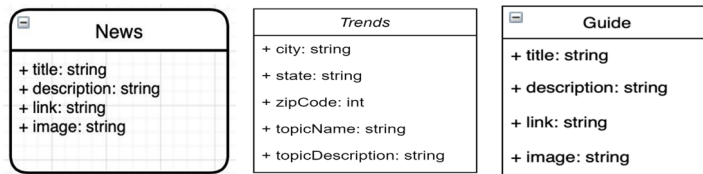
Current System:

The current system utilizes Docker, an open source containerization platform, to package the application's back-end source code, dependencies and database into a container. This container can be built, setting up the entire back-end development environment for the developer. The system uses APIs to retrieve the latest news based on related topics and location.

Images:



Object Diagrams:



Verification:

To test and make sure that the received data was correct, some built-in Chrome Developer Tools were, as well the proper headers were sent and set when the user makes a request in the front-end.

Requirements:

Web-based

Given the application's current state, there are no other essential requirements for the user as of yet.

Contributions/Implementation:

- Redo the News page based on the new design
- Create a REST API for the User class as described in the documentation.
- Create a frontend service that can consume the Django REST API for user.

Summary:

This is a platform developed to help aid the community with the distribution of supplies and educational materials during the COVID-19. However, with the new design, this platform is now able to accommodate other community needs in the event of unplanned emergencies and provide a tool for communicating, delivering information, and educating the population on the importance increasing the scope of green products.

