

Community Connect

Student: Eduardo Lopez

Mentor: Shahin Vassigh, Biayna Bogosian (Designer)

Instructor/Faculty: Masoud Sadjadi, Florida International University

PROBLEM

The previous version of the Community Connect webpage did not yet have a functional Forums tab and needed a new API for the News tab that would not incur as much cost during deployment. We focused mostly on these issues along with other, more minor ones, such as the Log In not displaying your name once you logged in

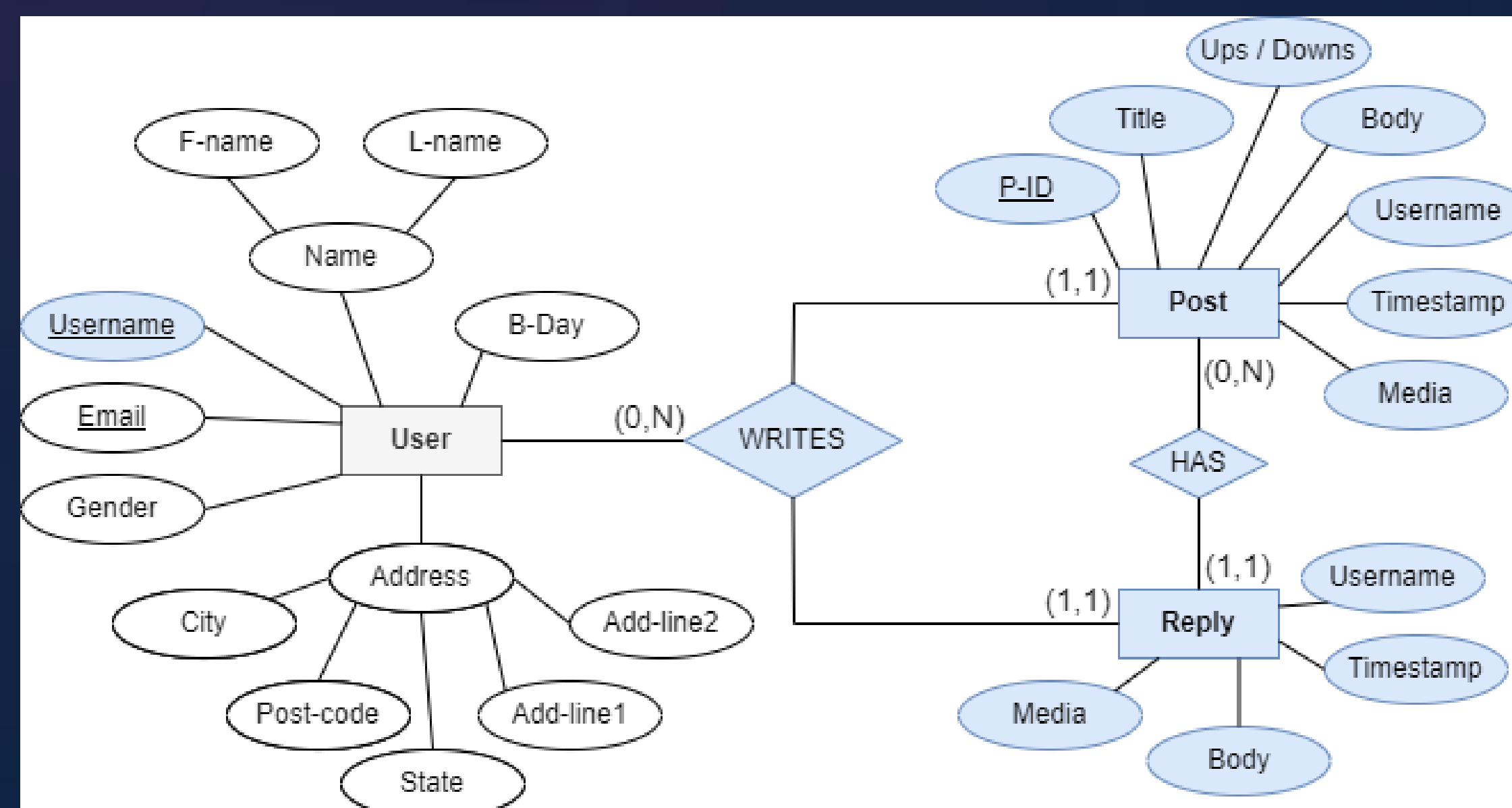
CURRENT SYSTEM

The current system implements the Django database in the Forums tab and the tab's UI has been improved. An additional subpage was added to view individual forum posts as well, including a way to reply to each forum post. In addition, the Forums tab now displays real posts rather than placeholders

IMPLEMENTATION

- NewsData.io API was used to display the news
- Django database was used to store the posts on the Forums tab

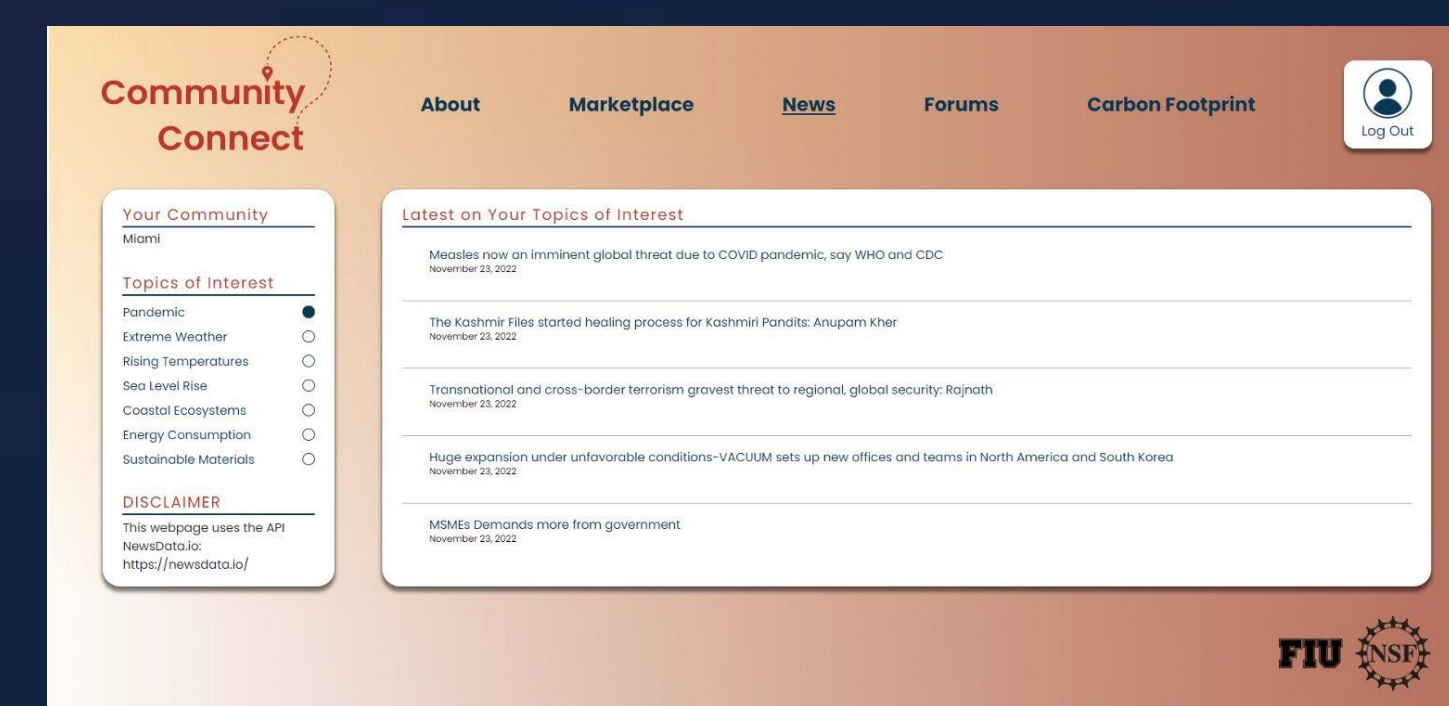
FORUMS DATABASE MODEL



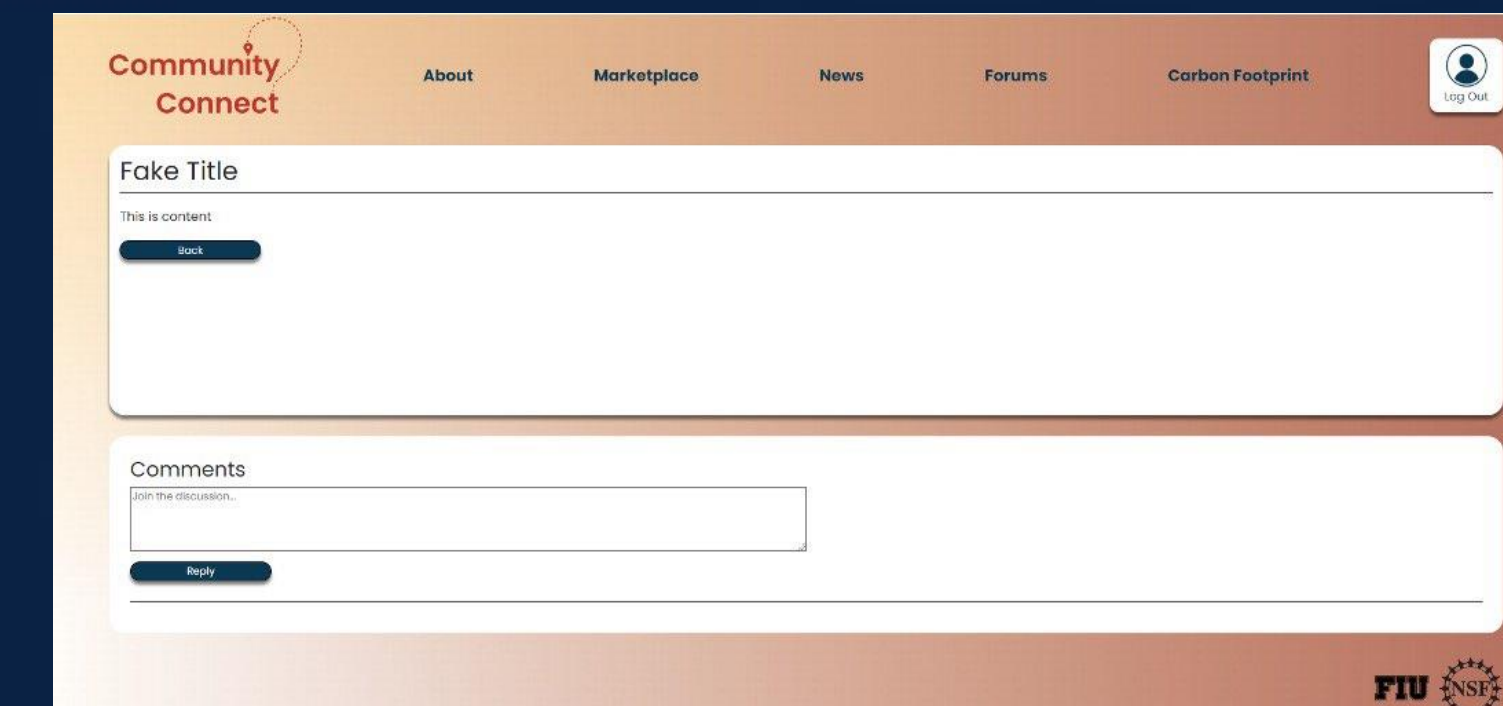
VERIFICATION

- Website was tested on various browsers such as Chrome, Firefox, and Microsoft Edge using Windows, MacOS, and Linux
- The webpage was successfully ran locally and deployed

WEBSITE DESIGN

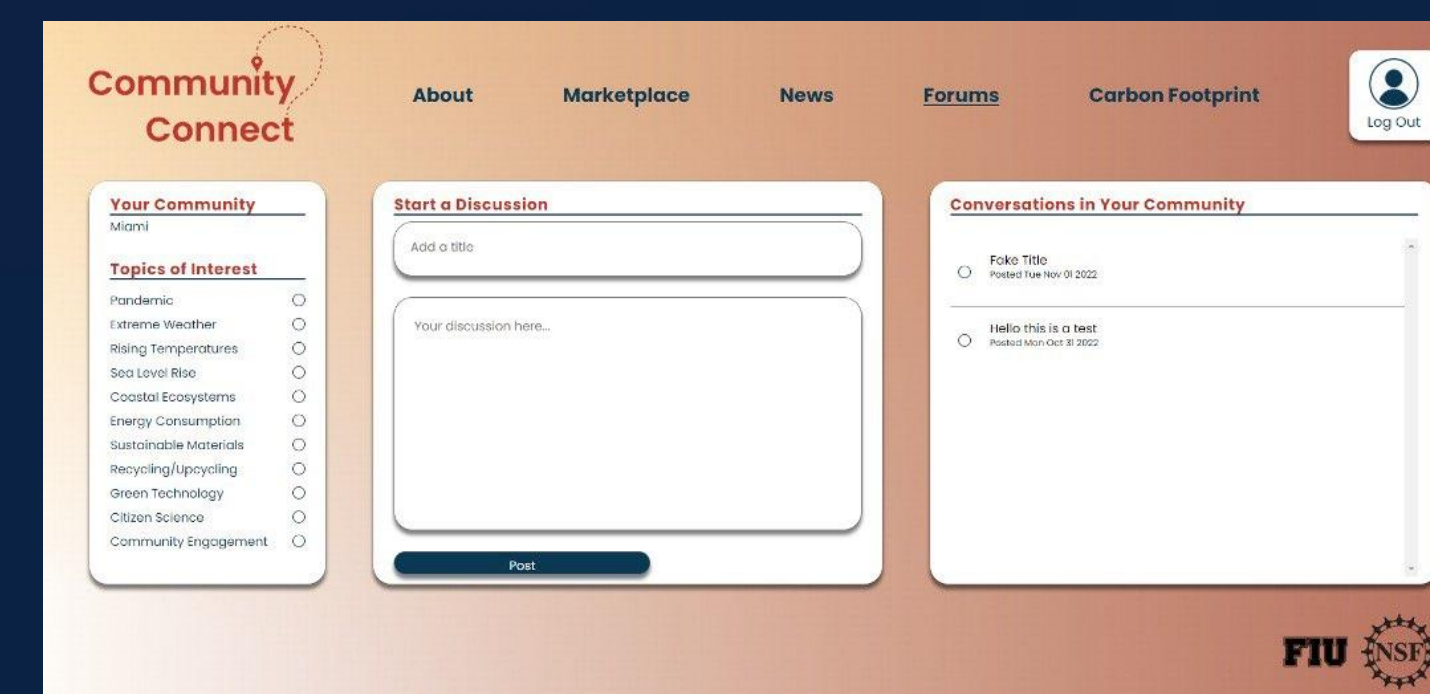


↓ Forums page displaying posts



↑ Subpage displaying an individual forum post and allowing you to reply

↑ Replacement news API in use in the News tab



SUMMARY

We worked to improve mainly the Forums tab and replace the API for the News tab with one that does not incur as many charges. The frontend team worked on the UI design for the Forums tab, while the backend team worked on implementing the Django database and finding a replacement news API



ACKNOWLEDGEMENT

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