Group number: Team 4
Team name: The Disaster Masters
Team members:

Ziyue Guo
Robert Dumitrescu
Sarah Lundell
Kevin Xu
Tongxin Zhu

Application Name: Disaster Tracker
Application Description:

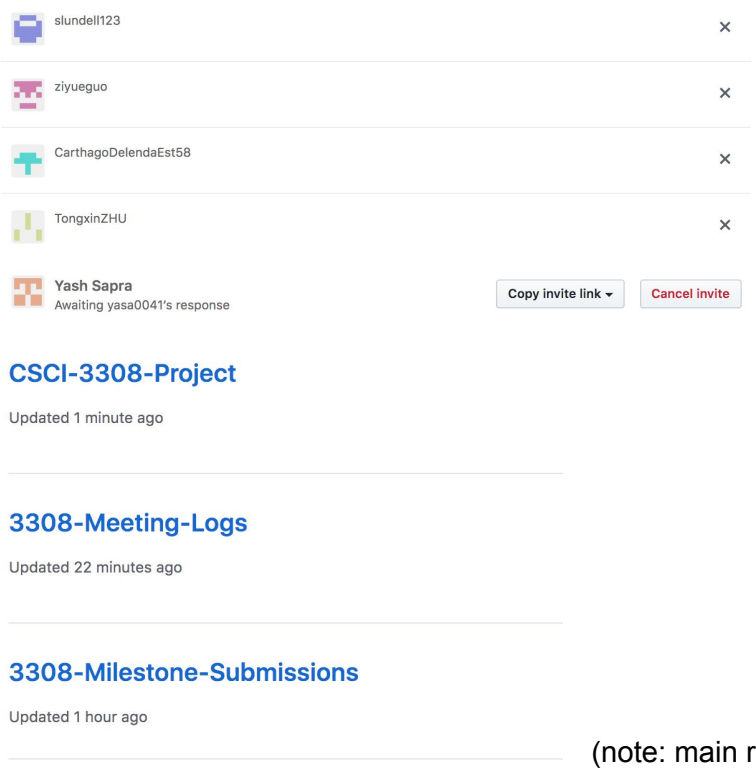
- Interactive map where users can click on a location to see the weather data
    - First step: have specific locations that the users can pick (maybe even just in a list)
    - After that try to add it on top of the map
- To talk about later: Waze? Do we want to have users add in events?
- Just the US. Maybe just do colorado… talk about later.
- On click show basic info about what to do in the event that is happening
- Search for weather types (travel to a place that is warm/cold)
- Airport info (weather near the airport)
- Search for a specific location
- Email alerts? (reports based on a chosen location) use an email API
- Weather API for out data (https://www.weather.gov/documentation/services-web-api)
- What should we display:
    - Flooding
    - General Weather (rain/lightning/snow)
    - Avalanche
    - Sand/Dust storms
- https://disasteralert.pdc.org/disasteralert/

Vision Statement:

For ordinary people
Who want to be informed about weather conditions and hazards.
The Disaster Tracker is an interactive web application that shows users weather data that they care about.
Unlike other weather applications, our product focuses on Colorado, ensuring Colorado receive the most accurate data.

Version Control: git

Meeting logs: https://github.com/kexu0741/3308-Meeting-Logs
Milestone submissions: https://github.com/kexu0741/3308-Milestone-Submissions
Code/Components: https://github.com/kexu0741/CSCI-3308-Project



(note: main repo found in csci-3308-project).

Development Method:

Agile (maybe Trello)

Communication Plan:

We plan to communicate by email. Everyone in the group felt that this would be the best method since we all check our emails regularly. It is easy to send links, attachments, and other data over email.

Proposed Architecture Plan:

Python backend (Django?)
JS frontend (Vue? Bootstrap?)

Meeting Plan:

Weekday: Mondays
Time: 5:15-7:15 pm
Mode: Face-to-face
Location: Math Library