HACKRICE

Track Title: Hurricane Harvey Track

Track description:

During Hurricane Harvey, the city of Houston experienced severe flooding. Many residents of Houston are still recovering, and many have yet to return to their homes. Given the need for a massive amount of aid to help Houston recover, several Houston locals helped create an API for storing and accessing Harvey recovery related data. This same API has already been reused to organize Hurricane Irma relief efforts. This year at HackRice, you have the opportunity to give back to the communities damaged by hurricanes by working on the Hurricane Harvey Track.

Track prompt:

The focus of the track is twofold: contributing to the development of the Harvey API itself, and developing applications that make use of the API in new ways. You can work on either portion of the track or both portions in your project. Additionally, if you are interested in working with social media and Hurricane Harvey, please see the JPMorgan Chase & Co. company offered prize.

Ideas for how to get started:

- Explore the data available in the Harvey API, and develop aesthetically appealing and intuitive front end interfaces that can help disaster relief organizers understand and use data
- Currently, the API only shows current or past data. Extend the API to include predictive data that could be used to anticipate needs throughout a storm

References:

https://github.com/sketch-city/harvey-api