Space Cowboys

Intro <problem and use cases>: space travel is getting more popular, incase JPL's database goes down, ours can be a backup, and then students or companies doing casual or serious research can use our site.

Design <RESTful API>:

Tools<front-end, back-end, embedding-media services>: angular2, flask, python,

Hosting<How do you set up the GCP server?>:
Make sure not to use an @utexas.edu account, you won't have the permissions required to create projects under that organization. Register a new account and give everyone in the team access to it. If you have a coupon for GCP, you can use it on that account -- you don't have to use the coupon on the account it was given to.

Create a new project for the idb site. You will want to set up a "Hello World" page in the flexible environment. If you have already set up an app engine, you may get an error "failed to load" when doing the first step. If this happens, you'll want to start from the "Download the Hello World App" header. I used the google cloud shell (located under the development section, there's a terminal looking button in the upper-right corner) as opposed to doing things locally.

If you still encounter issues, you may want to first set-up a hello world page in the standard environment, then set up the flexible environment as mentioned above (you will definitely need to skip to "Download the Hello World App" if you go this route). Once you've got the flexible app deployed, you can go to App Engine > Versions and delete the standard environment version.

Once you have a hello world page up and running, register a domain using www.namecheap.com and add it as a custom domain to your project.