Application concept, design and architecture?

What have you accomplished so far?

-Made database

-Made data bridge between postgres and firebase.

-Basic website design (tabs and pages)

-Began work on authentication (SAML) as well as working with OIT.

-Connected postgres and firebase to the website.

What will you be working on next?

-Working on adding firebase read and write to the client side website via modules rather than the legacy CDN method.

-Continued work on website design.

-Implementing spreadsheet downloader for postgres data.

-More work on making graphs.

Individual task assignments

Live DEMO of working components.

-Demo website navigation

-Demo sign in redirect (even though not yet authorized by CU Boulder the console log shows evidence of auth attempt).

-Possibly demo bridge data fetch and write to postgres

-Demo

Front-End Screens (as applicable to your project)

Server scripts (if you have written any)

Back-End Database Design

- Milestone Document should include:
  - What features were completed?

    -None have been completed but the bridge, website, and auth (SAML request) are in a working state

  - What worked during the demo?

    -Everything we showed (bridge connection, auth (SAML request), data section proof of concept) but we are still working on bringing everything together into one package.

  - What issues were faced either during the development or during the demo?

    The main issue that we have been encountering is bringing all of the components together into one single branch. Right now our project is split into multiple branches with different dependencies, a main goal of ours is to unify our project in the coming weeks.

  - What were the suggestions offered by the TA?

    One big suggestion made by Sreeram was to a) work on the ui design and b) use ejs instead of react to do this. Some of our team was eager to use react, but most of the team was not experienced with it so we took his advice and went with ejs.

  - Individual contributions by each team member

    John - ported old HTML to ejs and enabled postgres connection with nodejs.

    Jake- Connected firebase to the website and enabled login with SAML (still a work in progress).

    Tyler - Setup NodeJS server and installed required dependencies. Updated and improved UI

    Ryan- Began work on graphic creation through postgres and chart.js