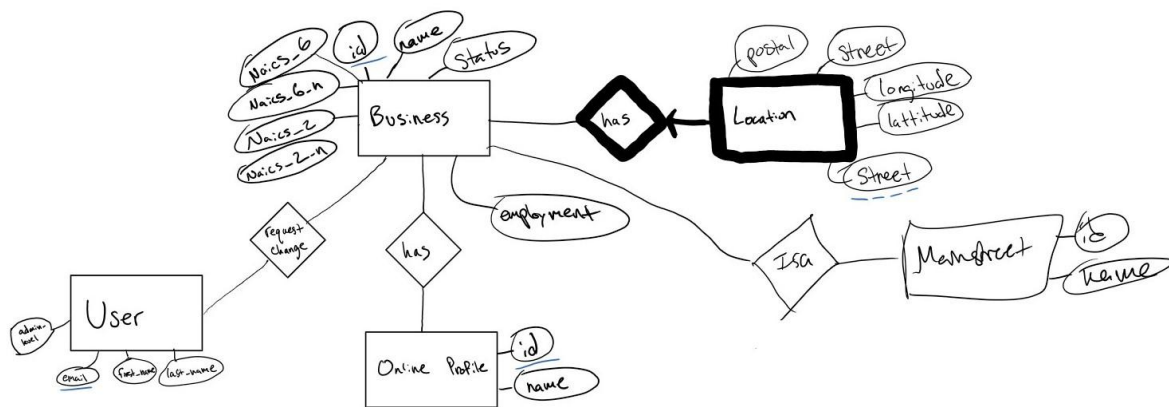# Database

Our database contains the CSV files that we received from BPDA, and we used a Python script to pull the data and store it in a relational database. This database contains business, busi_online, busi_to_main, location, mainstreet, online_profile, and mainstreet. All of this data is on a PostgreSQL database and is being hosted by Heroku.

ER-Diagram:

Architecture

We call on a Flask API to interact with this database. We use json files that contain geographic information that we use to map out locations and x and y values for related graphs.

In the front-end, we are using React to display our information. We have a homepage that will contain a map of the greater Boston area and information collected from all the Main Streets, and individual pages for each of the Main Streets with their respective data. The maps in each of these pages are interactive and are being displayed using a JavaScript library called Leaflet.