

# Team BoneAppleTea- Design Changes

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## API Changes

Used Plotly API instead of Google Maps API. Plotly used python which allowed for maximized productivity.

## File Structure

Removed the Databases from our original plan (Did not have enough time to implement all functionality and the database was an extra feature).

Added map.py which allowed for implementing Plotly functionality. map.py takes data from the Census API and puts the data through Plotly which creates the map.

## Descriptions

### Code:

map.py

- Part of utils directory
- Using a single url to an api's data, creates a map using plotly api
- Creates a map on plotly, and returns an embed link, which allows for visual presentation of the interactive map

### Apis:

Maps API:

- Bing Maps
  - <https://www.microsoft.com/maps/choose-your-bing-maps-API.aspx>
- Google Maps
  - <https://developers.google.com/maps/>

## Schedule

12/2 - Design Document Completion

12/6 - databaseIO.py finished

12/8 - map.html finished, apiManager.py finished

12/13 - app.py finished

12/13 - integration of backend with frontend

12/14 - Final Changes, and make sure all bugs fixed!!!