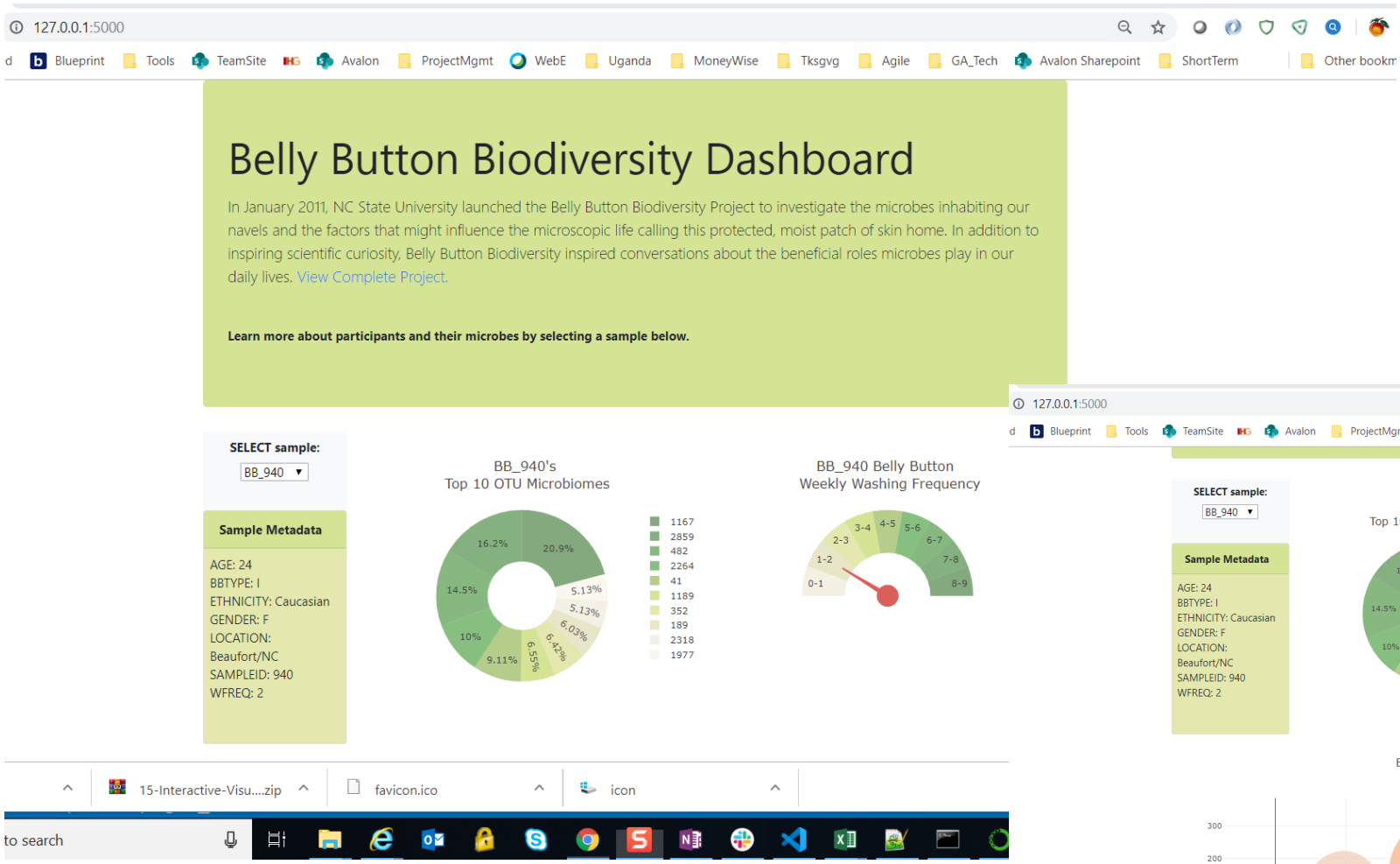
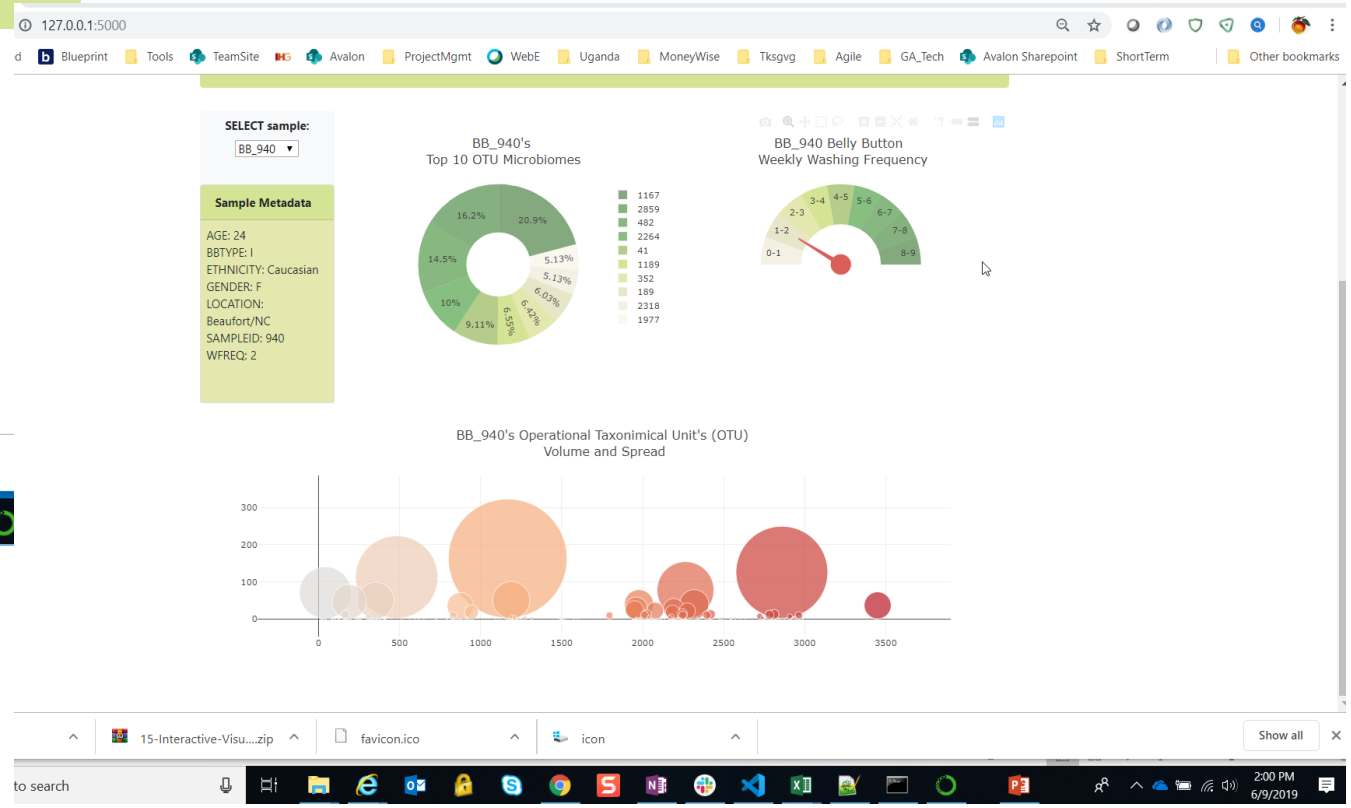
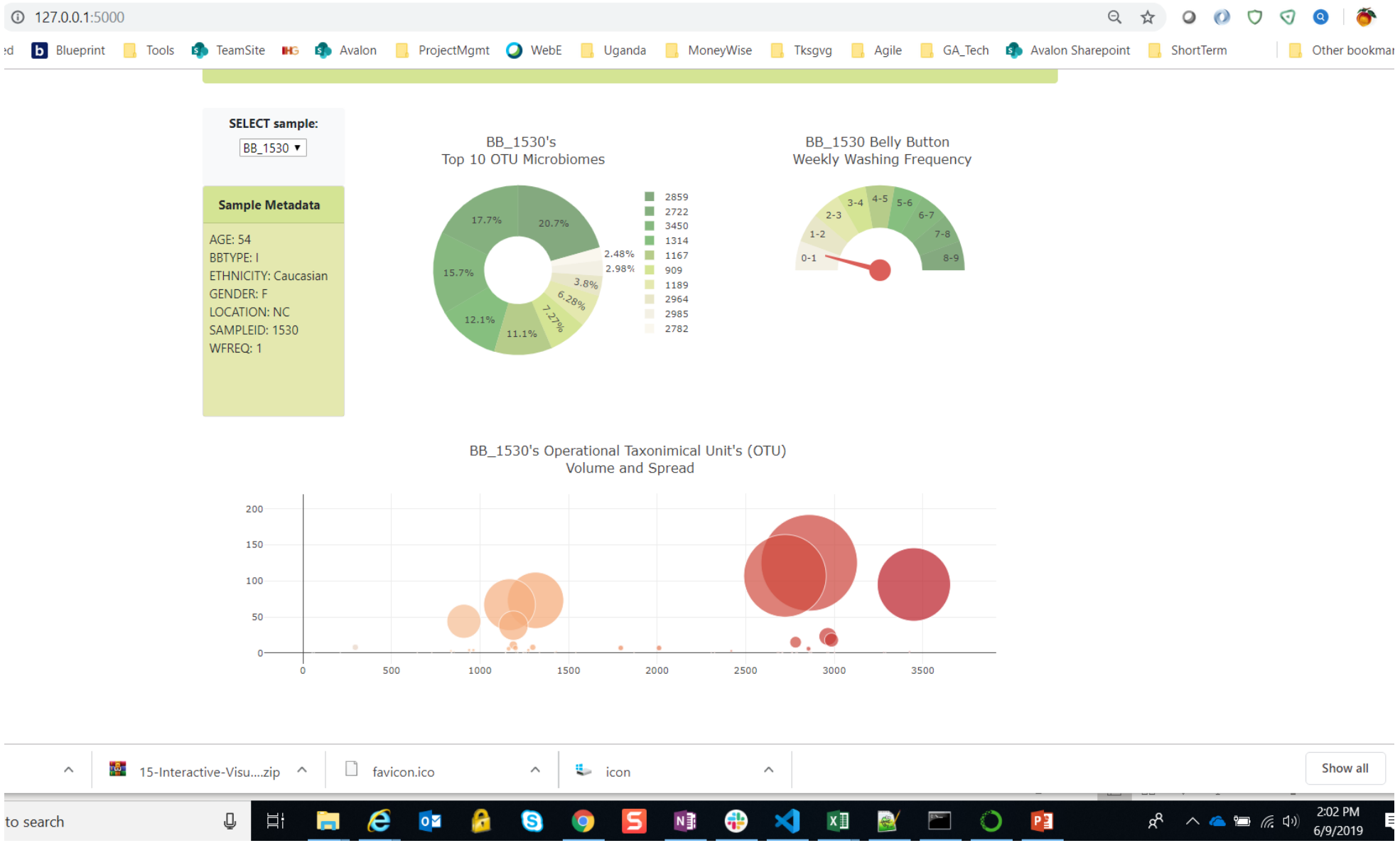
Screen At Initial Launch - localhost

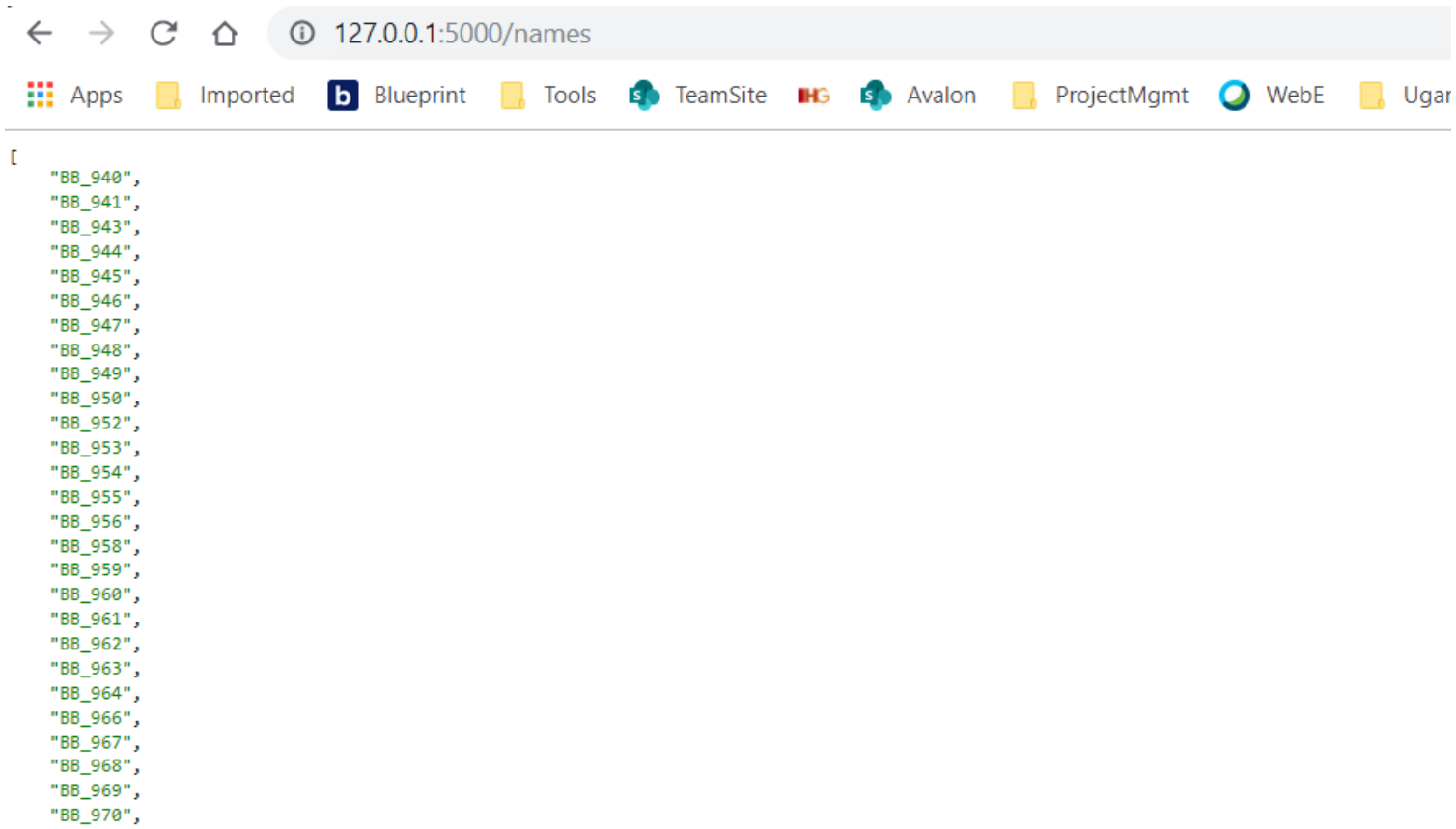




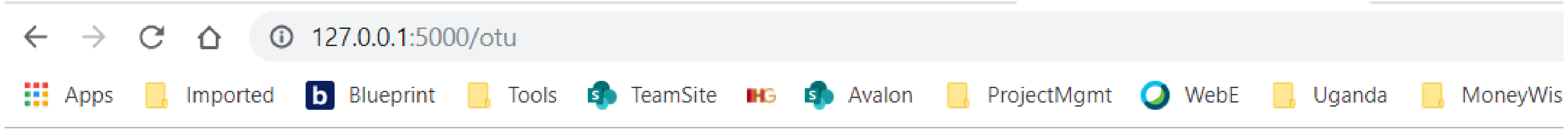
Search via the ‘Select Sample’ dropdown - localhost



Localhost - @app.route("/names")

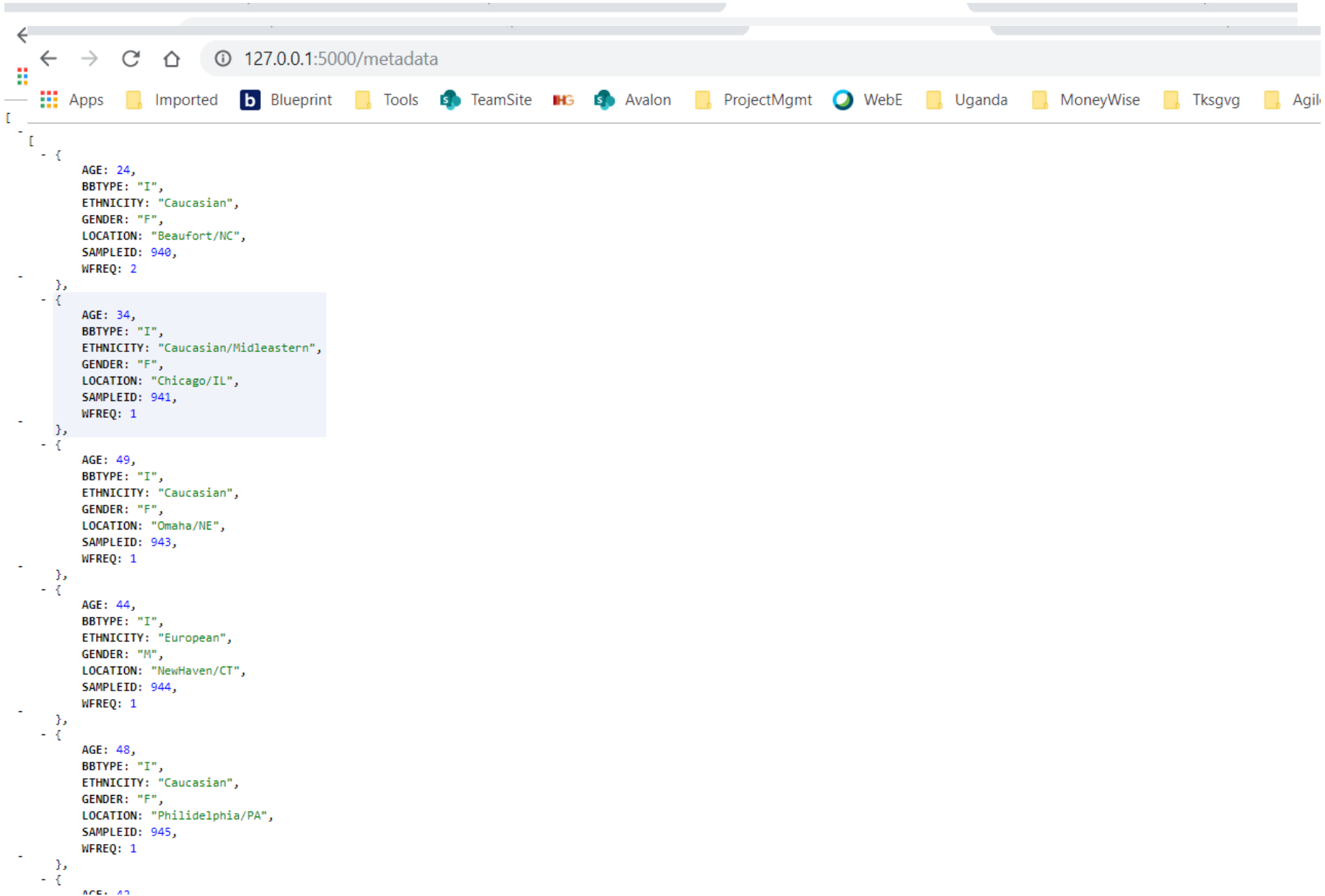


Localhost - @app.route("/otu")



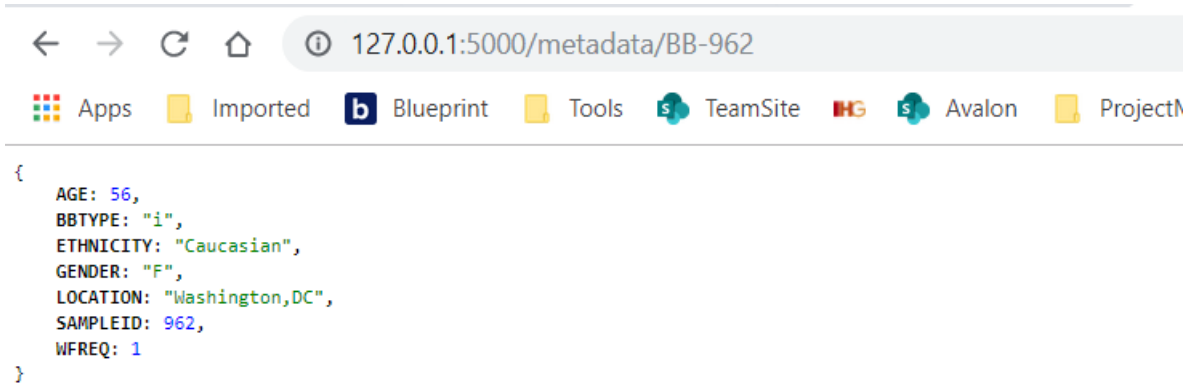

```
[
  "Archaea;Euryarchaeota;Halobacteria;Halobacteriales;Halobacteriaceae;Halococcus",
  "Archaea;Euryarchaeota;Halobacteria;Halobacteriales;Halobacteriaceae;Halococcus",
  "Archaea;Euryarchaeota;Halobacteria;Halobacteriales;Halobacteriaceae;Natronorubrum",
  "Archaea;Euryarchaeota;Methanobacteria;Methanobacteriales;Methanobacteriaceae;Methanobrevibacter",
  "Archaea;Euryarchaeota;Methanobacteria;Methanobacteriales;Methanobacteriaceae;Methanobrevibacter",
  "Archaea;Euryarchaeota;Methanobacteria;Methanobacteriales;Methanobacteriaceae;Methanobrevibacter",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
  "Bacteria",
```

Localhost - @app.route("/metadata")




```
[
  [
    {
      AGE: 24,
      BBTYPE: "I",
      ETHNICITY: "Caucasian",
      GENDER: "F",
      LOCATION: "Beaufort/NC",
      SAMPLEID: 940,
      WFREQ: 2
    },
    {
      AGE: 34,
      BBTYPE: "I",
      ETHNICITY: "Caucasian/Midleastern",
      GENDER: "F",
      LOCATION: "Chicago/IL",
      SAMPLEID: 941,
      WFREQ: 1
    },
    {
      AGE: 49,
      BBTYPE: "I",
      ETHNICITY: "Caucasian",
      GENDER: "F",
      LOCATION: "Omaha/NE",
      SAMPLEID: 943,
      WFREQ: 1
    },
    {
      AGE: 44,
      BBTYPE: "I",
      ETHNICITY: "European",
      GENDER: "M",
      LOCATION: "NewHaven/CT",
      SAMPLEID: 944,
      WFREQ: 1
    },
    {
      AGE: 48,
      BBTYPE: "I",
      ETHNICITY: "Caucasian",
      GENDER: "F",
      LOCATION: "Philidelphia/PA",
      SAMPLEID: 945,
      WFREQ: 1
    },
    {
```

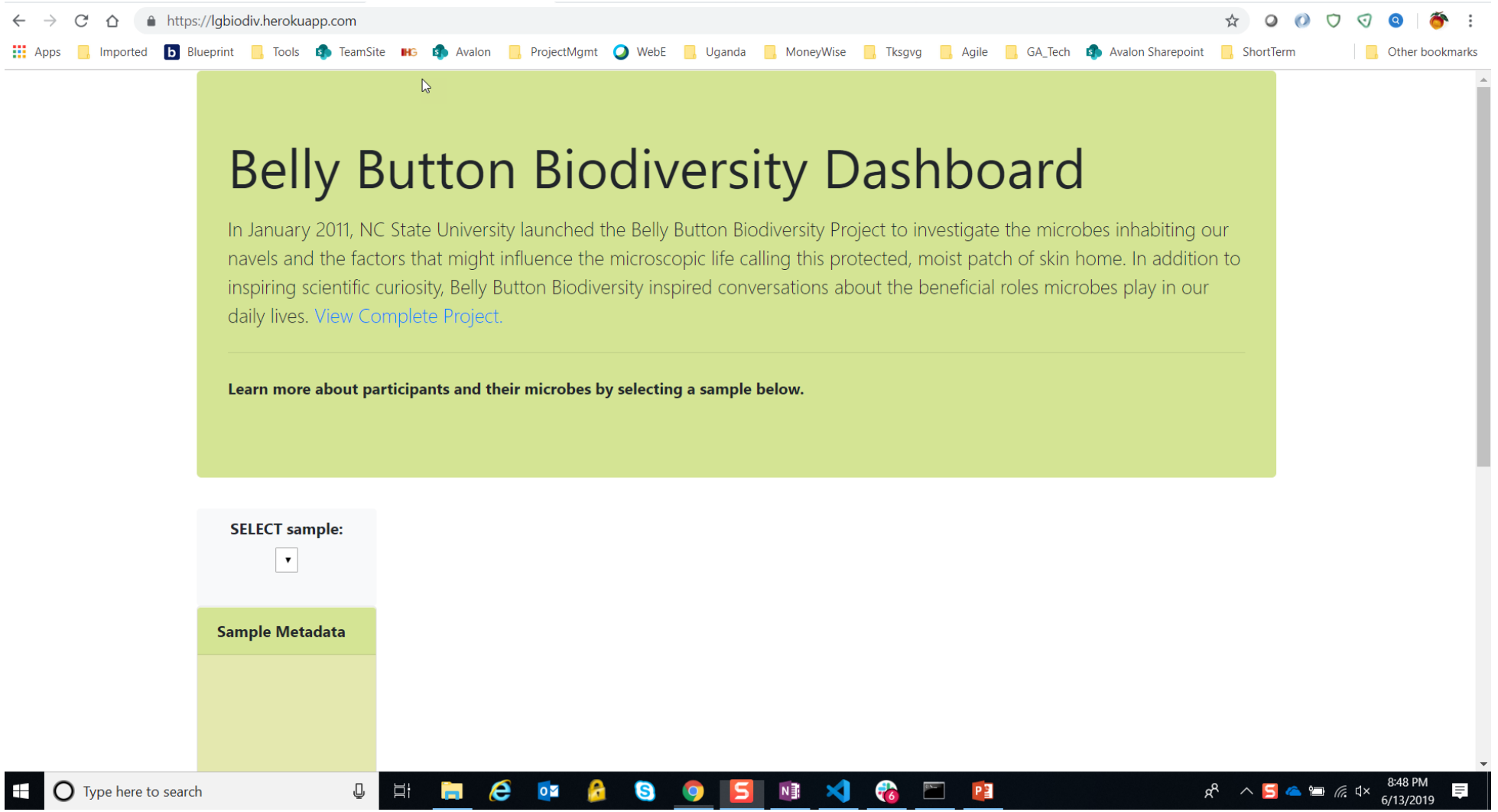
Localhost - @app.route("/metadata/<sample>")



Heroku Deployment appears successful

I did not take a screen image; however, there were no errors.

Issues with viewing on Heroku – no data.



URL = https://lgbiodiv.herokuapp.com/

Confirmed the 'samples' table exists (Part of app.py)

```
LoriG@CN-L-5CG9011TP2 MINGW64 ~/documents/_GeorgiaTech/15_interactiveDash/belly_button (master)
$ python app.py
---Begin------
C:\Users\lorig\AppData\Local\Continuum\anaconda3\lib\site-packages\flask_sqlalchemy\__init__.py:835: FSADeprecationWarni
ng: SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and will be disabled by default in the future.  Set it to T
rue or False to suppress this warning.
  'SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and '
--Table --
otu
--Table --
samples
--Table --
samples_metadata
 -- nonAlchemy tables ------------
[('samples_metadata',), ('otu',), ('samples',)]
----columns in the SAMPLES table---------
[('CREATE TABLE samples (\n\totu_id INTEGER NOT NULL, \n\t"BB_940" INTEGER, \n\t"BB_941" INTEGER, \n\t"BB_943" INTEGER,
\n\t"BB_944" INTEGER, \n\t"BB_945" INTEGER, \n\t"BB_946" INTEGER, \n\t"BB_947" INTEGER, \n\t"BB_948" INTEGER, \n\t"BB_94
9" INTEGER, \n\t"BB_950" INTEGER, \n\t"BB_952" INTEGER, \n\t"BB_953" INTEGER, \n\t"BB_954" INTEGER, \n\t"BB_955" INTEGER
, \n\t"BB_956" INTEGER, \n\t"BB_958" INTEGER, \n\t"BB_959" INTEGER, \n\t"BB_960" INTEGER, \n\t"BB_961" INTEGER, \n\t"BB_
```

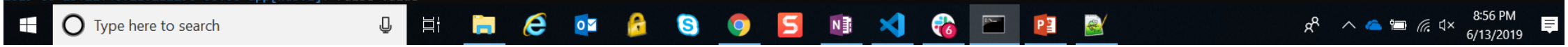
Heroku cannot find the samples table (see following screens for the detailed error). This article looks like my issue, but I do not understand this part:

You'll have to commit your database file on your local development machine and push that commit to Heroku.

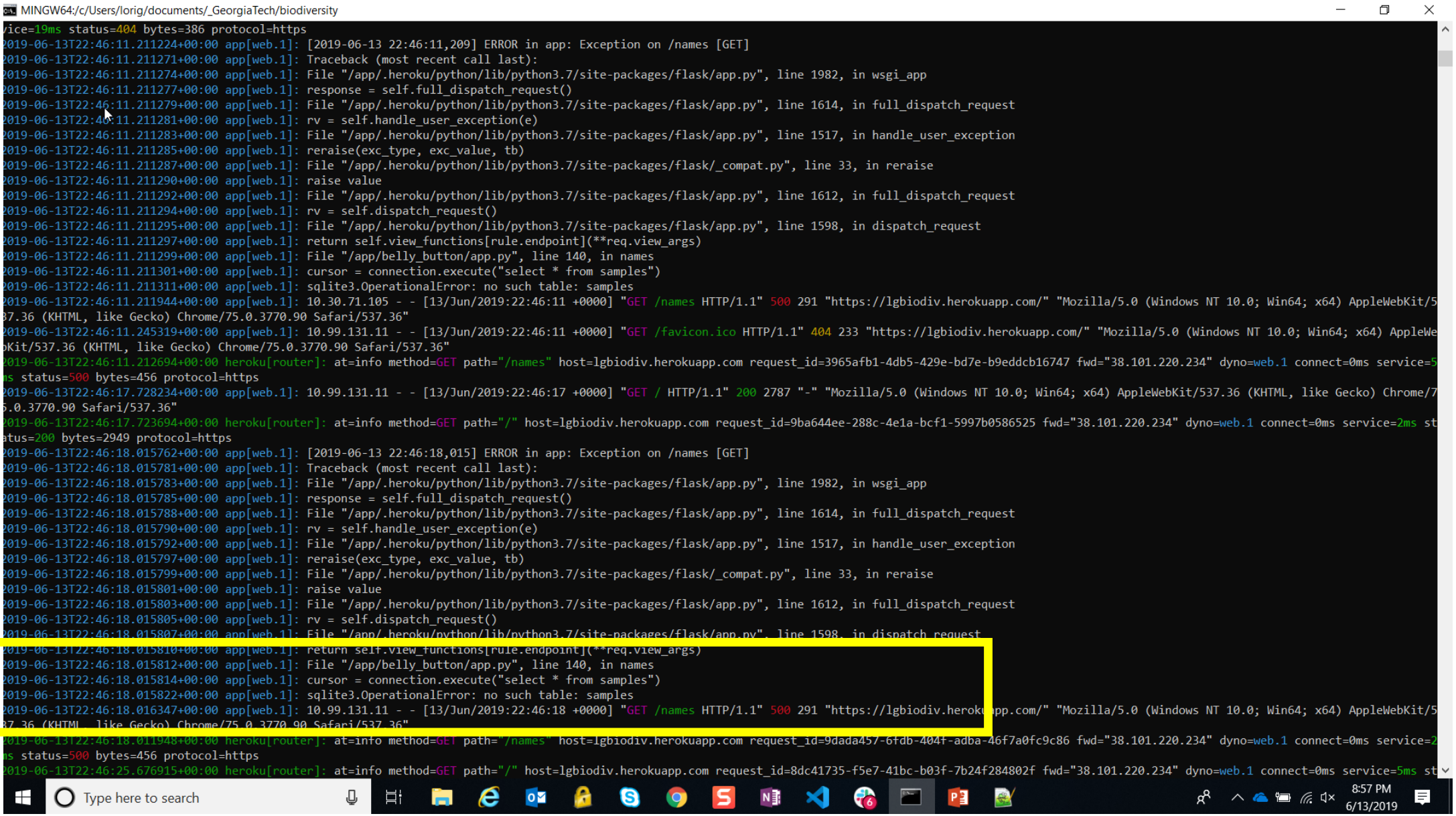
https://stackoverflow.com/questions/56158266/sqlite3-operationalerror-no-such-table-on-heroku

Page 1 of 3 – Heroku error logs indicate the 'samples' table does not exist: $ ***heroku logs --tail***

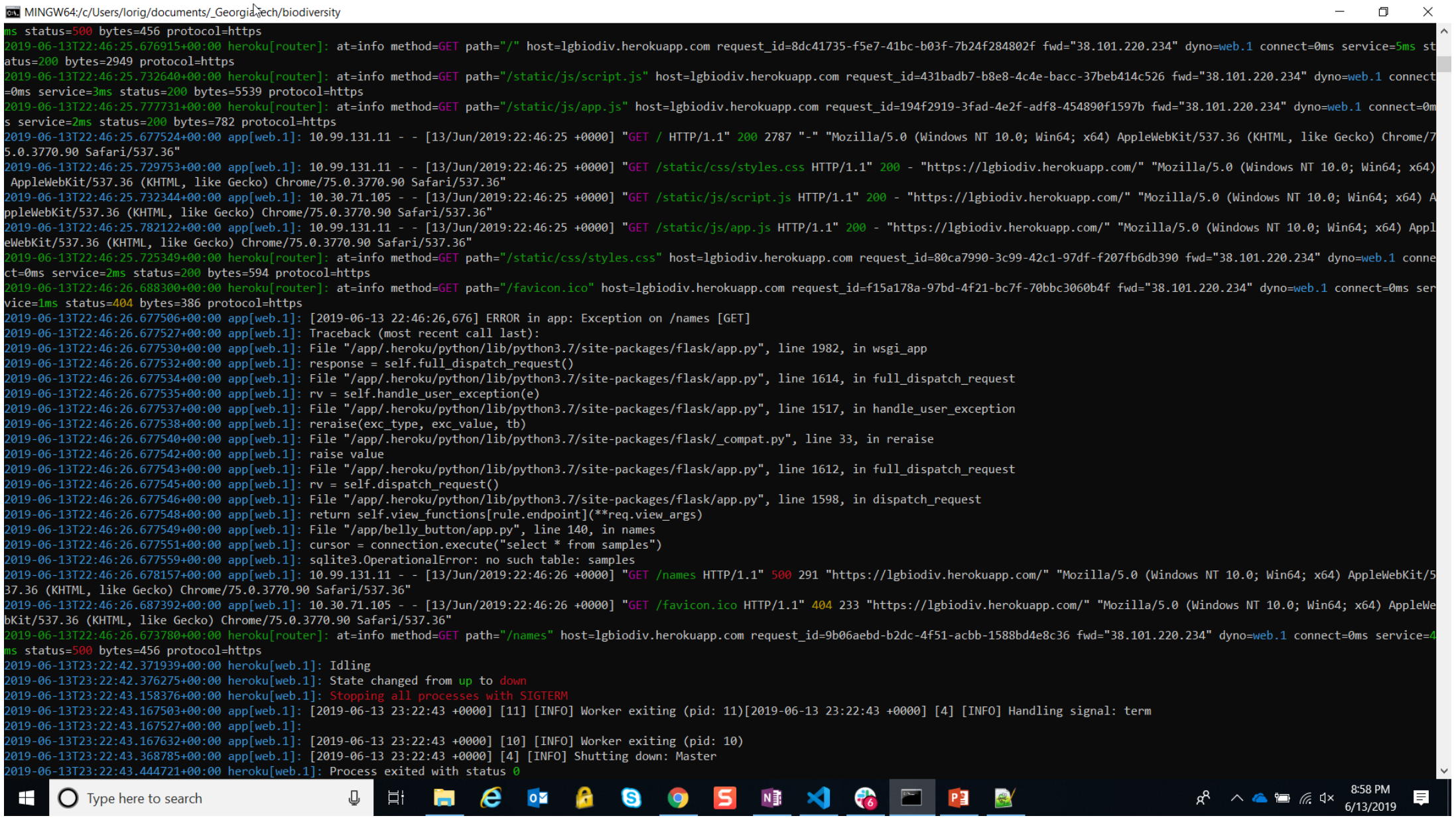
```
MINGW64:/c/Users/lorig/documents/_GeorgiaTech/biodiversity
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/1484635d-8841-411f-8898-b8f4f3b81d76
Logging in... done
Logged in as loriepeach1@yahoo.com

LoriG@CN-L-5CG9011TP2 MINGW64 ~/documents/_GeorgiaTech/biodiversity (master)
$ heroku logs --tail
2019-06-13T22:45:52.091694+00:00 app[web.1]: /app/.heroku/python/lib/python3.7/site-packages/flask_sqlalchemy/__init__.py:794: FSADeprecationWarning: SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and
will be disabled by default in the future.  Set it to True or False to suppress this warning.
2019-06-13T22:45:52.091738+00:00 app[web.1]: 'SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and '
2019-06-13T22:45:52.107525+00:00 app[web.1]: -- nonAlchemy tables ------------
2019-06-13T22:45:52.107584+00:00 app[web.1]: []
2019-06-13T22:45:52.107770+00:00 app[web.1]: ----columns in the SAMPLES table---------
2019-06-13T22:45:52.107841+00:00 app[web.1]: []
2019-06-13T22:45:52.157313+00:00 app[web.1]: /app/.heroku/python/lib/python3.7/site-packages/flask_sqlalchemy/__init__.py:794: FSADeprecationWarning: SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and
will be disabled by default in the future.  Set it to True or False to suppress this warning.
2019-06-13T22:45:52.157318+00:00 app[web.1]: 'SQLALCHEMY_TRACK_MODIFICATIONS adds significant overhead and '
2019-06-13T22:45:52.189123+00:00 app[web.1]: -- nonAlchemy tables ------------
2019-06-13T22:45:52.189127+00:00 app[web.1]: []
2019-06-13T22:45:52.189242+00:00 app[web.1]: ----columns in the SAMPLES table---------
2019-06-13T22:45:52.189249+00:00 app[web.1]: []
2019-06-13T22:45:57.000000+00:00 app[api]: Build succeeded
2019-06-13T22:46:10.648779+00:00 app[web.1]: 10.30.71.105 - - [13/Jun/2019:22:46:10 +0000] "GET / HTTP/1.1" 200 2787 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/7
5.0.3770.90 Safari/537.36"
2019-06-13T22:46:10.709394+00:00 app[web.1]: 10.30.71.105 - - [13/Jun/2019:22:46:10 +0000] "GET /static/css/styles.css HTTP/1.1" 200 - "https://lgbiodiv.herokuapp.com/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64)
 AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3770.90 Safari/537.36"
2019-06-13T22:46:10.711947+00:00 app[web.1]: 10.99.131.11 - - [13/Jun/2019:22:46:10 +0000] "GET /static/js/script.js HTTP/1.1" 200 - "https://lgbiodiv.herokuapp.com/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) A
ppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3770.90 Safari/537.36"
2019-06-13T22:46:10.747929+00:00 app[web.1]: 10.30.71.105 - - [13/Jun/2019:22:46:10 +0000] "GET /static/js/app.js HTTP/1.1" 200 - "https://lgbiodiv.herokuapp.com/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) Appl
eWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3770.90 Safari/537.36"
2019-06-13T22:46:10.649201+00:00 heroku[router]: at=info method=GET path="/" host=lgbiodiv.herokuapp.com request_id=63716d2b-31d6-4f40-af24-6623fa0705ad fwd="38.101.220.234" dyno=web.1 connect=0ms service=9ms st
atus=200 bytes=2949 protocol=https
2019-06-13T22:46:10.707644+00:00 heroku[router]: at=info method=GET path="/static/js/script.js" host=lgbiodiv.herokuapp.com request_id=a9cf0ce8-0b21-4b86-b7d9-cffd38ae1b10 fwd="38.101.220.234" dyno=web.1 connect
=0ms service=12ms status=200 bytes=5539 protocol=https
2019-06-13T22:46:10.748732+00:00 heroku[router]: at=info method=GET path="/static/js/app.js" host=lgbiodiv.herokuapp.com request_id=84a35aad-5bc9-4e94-a825-faabe1647bb2 fwd="38.101.220.234" dyno=web.1 connect=0m
s service=3ms status=200 bytes=782 protocol=https
2019-06-13T22:46:10.709887+00:00 heroku[router]: at=info method=GET path="/static/css/styles.css" host=lgbiodiv.herokuapp.com request_id=d845eeb6-a151-4138-b4a7-217c325c605c fwd="38.101.220.234" dyno=web.1 conne
ct=0ms service=11ms status=200 bytes=594 protocol=https
2019-06-13T22:46:11.240531+00:00 heroku[router]: at=info method=GET path="/favicon.ico" host=lgbiodiv.herokuapp.com request_id=eb61c3d3-64c6-4866-be99-4cf2c566b0d1 fwd="38.101.220.234" dyno=web.1 connect=0ms ser
vice=19ms status=404 bytes=386 protocol=https
2019-06-13T22:46:11.211224+00:00 app[web.1]: [2019-06-13 22:46:11,209] ERROR in app: Exception on /names [GET]
2019-06-13T22:46:11.211271+00:00 app[web.1]: Traceback (most recent call last):
2019-06-13T22:46:11.211274+00:00 app[web.1]: File "/app/.heroku/python/lib/python3.7/site-packages/flask/app.py", line 1982, in wsgi_app
2019-06-13T22:46:11.211277+00:00 app[web.1]: response = self.full_dispatch_request()
2019-06-13T22:46:11.211279+00:00 app[web.1]: File "/app/.heroku/python/lib/python3.7/site-packages/flask/app.py", line 1614, in full_dispatch_request
2019-06-13T22:46:11.211281+00:00 app[web.1]: rv = self.handle_user_exception(e)
2019-06-13T22:46:11.211283+00:00 app[web.1]: File "/app/.heroku/python/lib/python3.7/site-packages/flask/app.py", line 1517, in handle_user_exception
2019-06-13T22:46:11.211285+00:00 app[web.1]: reraise(exc_type, exc_value, tb)
2019-06-13T22:46:11.211287+00:00 app[web.1]: File "/app/.heroku/python/lib/python3.7/site-packages/flask/_compat.py", line 33, in reraise
2019-06-13T22:46:11.211290+00:00 app[web.1]: raise value
```



Page 2 of 3 - View the issues via this command entry: $ ***heroku logs --tail***

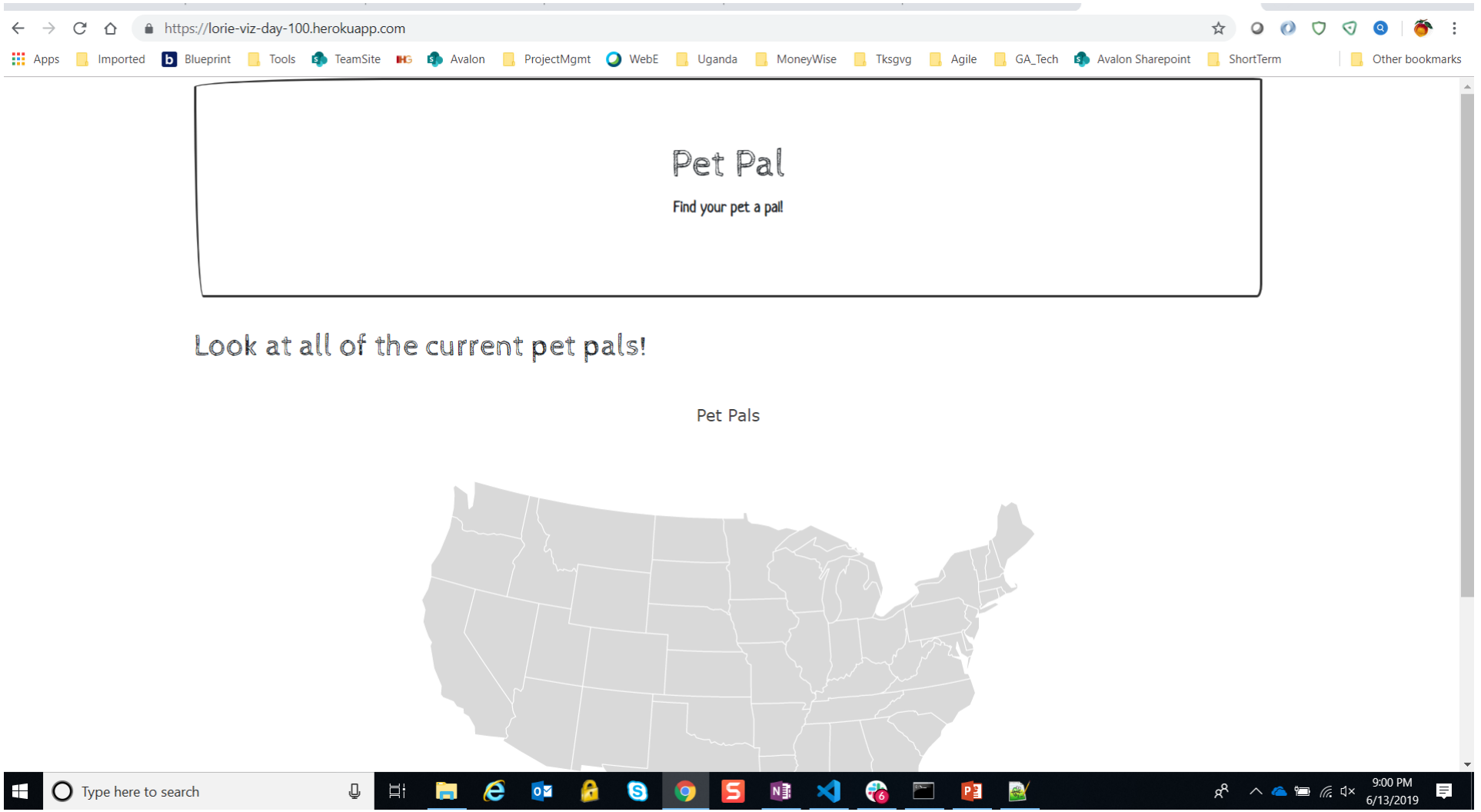


Page 3 of 3 - View the issues via this command entry: $ ***heroku logs --tail***

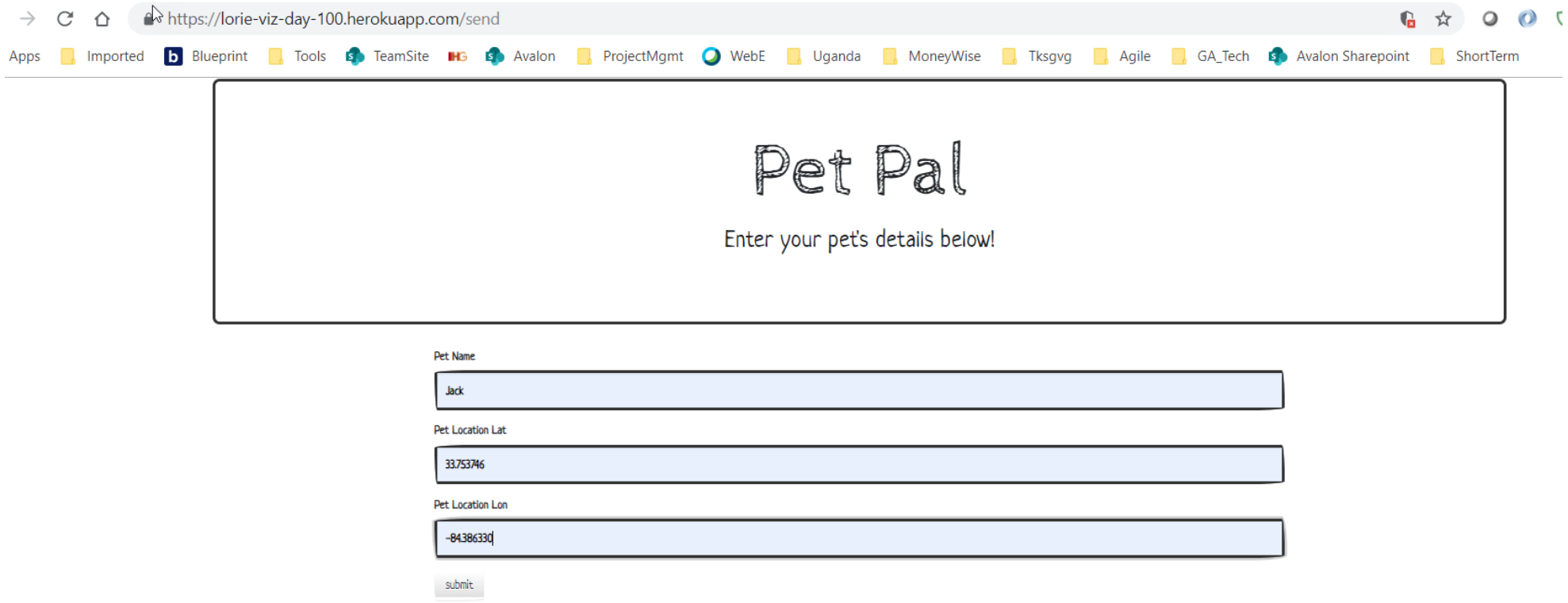
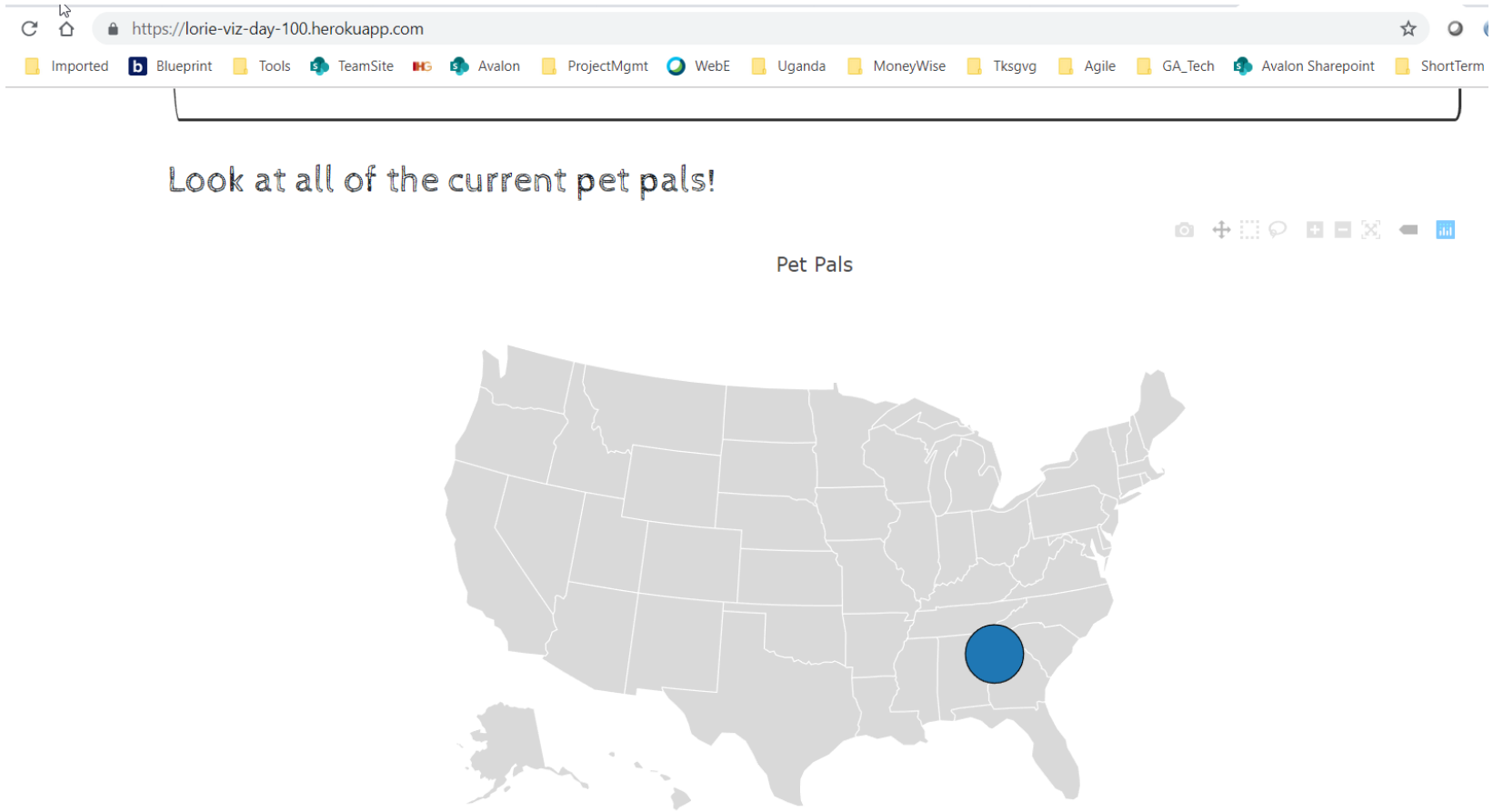


Successful Deployment of Pet Pal, page 1 of 3

https://lorie-viz-day-100.herokuapp.com/



Successful Deployment of Pet Pal, page 2 of 3 -- Enter Data



Successful Deployment of Pet Pal, page 3 of 3 -- View Data