Project Directory Structure

```
/containerized-gateway
__ app
     _Dockerfile
     _docker-compose.yml
     \_ requirements.txt
     \_ manage.py 
ightarrow (Execute this file to start the app)
     _-/gateway/ 
ightarrow (These are all the modules the app uses)
          __init__.py
        _{\rm admin.py}
         models.py 
ightarrow (Models is where our database tables
                           live and hide)
         _{\rm apps.py}
          tests.py \rightarrow (These are where selenium test cases
                         can be at)
         -database_helper_functions.py 
ightarrow (A module that consists of helper
                                                  functions)
         -_{	t urls.py} 
ightarrow 	ext{(Used for routing functions from}
                        views.py)
         forms.py
        \_	ext{views.py} 
ightarrow 	ext{(A list of functions that are routed)}
      migrations/ \rightarrow (Creates new files whenever python3
                         manage.py migrate is executed)
      database_helpers/ \rightarrow (Modules that connect the database,
                                 configure, create, and view)
        _config.py
        _create_table.py
        __make_schema.py
        __connect.py
        _database.ini
        _view_tables.py
       app
                             (This is where you configure the app by
          \mathtt{settings.py} \, \to \, \mathtt{importing} \, \mathtt{modules} \, \mathtt{from} \, \mathtt{the} \, \mathtt{user} \, \mathtt{manual}
                             or custom modules)
         ^-db.py 
ightarrow (The database operations such as
                      create, delete, update, and insert)
        \_urls.py
```

```
(This is the custom simple_tag
     polls_extra.py \rightarrow decorator which each tag needs to be
                         rendered into the .html files)
    _wsgi.py
   ___init__.py
   /templates \rightarrow (The .html files that our app uses.
                  They get rendered in by Django, etc)
    _about_us.html
    _delete_data.html
    _query_data.html
    _view_tables.html
    _bug_report.html
    _home.html
    __update_data.html
    __create_table.html
    \_navbar.html
   __upload_data.html
   /static
      /css \rightarrow (This is what customizes our
               navbar.html)
       \_ layout.css
     _/crew
       \_Logan.jpeg
       _Nole.jpeg
       _Yellow.jpg 
ightarrow (This is you Porter)
/utility_scripts \rightarrow (A backup of bash scripts just in case
                      if something goes wrong)
```