

## Repository Organization and Structure:

Within our Master Branch, we have directories that separate each component of our website. Upon entering our Master Branch, you are greeted with some text files, and a couple of directories. The **Bootstrap\_Files** directory has the files that are essential to run the templates used from Bootstrap, including their javascript and css files. The **Images** directory contain all images needed for our website, included stock images, our logo, and our icons. The **SQL** directory has the sql files necessary to populate our databases. The **coursemate** folder has all the HTML, CSS, Bootstrap, Image, and python files needed to run the website. You can also find test cases within this directory. Everything here is organized by templates and static files. In addition, the milestone pdf files can be found within the **milestones** directory.

## Instructions for Running CourseMate.com:

Console commands:

1. git clone <https://github.com/Joshua-Ramos/groupProject.git>
2. cd groupProject
3. sudo apt-get update
4. sudo apt-get upgrade
5. sudo apt-get install mysql-server
6. sudo apt-get install python-mysqldb
7. pip3 install flask
8. pip3 install flask-wtf
9. pip3 install flask-sqlalchemy
10. sudo mysql -u root -p

Done in the MySQL console

- a. Create user 'CourseMate'@'localhost' identified by 'password';
- b. Grant all privileges on \* . \* to 'CourseMate'@'localhost';
- c. Quit;
11. mysql -u CourseMate -p;
  - a. source SQL/database\_init.sql;
  - b. Source SQL/populate.sql;
  - c. Quit;
12. python3 run.py

If run.py runs into any package issues, install the missing packages using 'pip3 install <package name>'.

If all runs correctly, go to your browser and type localhost:5000