Levy Andrew Deployment 08

Documentation

1. Create a yaml file for CloudFormation
2. Create the stack
3. Create playbook
   a. installdocker.yml (install Docker on the Production EC2)
   b. installjava.yml (install java on both agents and production EC2)
   c. installjenkins.yml (Install Jenkins on Jenkins master EC2
   d. jenkinspassword.yml (catting the Jenkins password)
4. Add the agent to the master.
5. Creating a cypress test
6. Add a SQLite Database.
7. Create a Jenkins
   a. Create a building stage
      i. npm install
      ii. npm run build
      iii. serve -s build &
      iv. python3 environment
      v. pip install requirements
      vi. run the flask app
   b. Create a testing stage
      i. npm install cypress
      ii. npm install mocha
      iii. post it in xml file.