Instructions to the Go Beyond App:

1. Dockerfile file should have frontend Dockerfile location:

* One of the limitations is that the docker-compose file should have the frontend docker file path declared.

The docker-compose.yml file is in the backend directory due to maven limitations.

Please navigate to the docker-compose file and scroll down to frontend service and you will see “**context**” as my path to the frontend. Please change it to your path where the Dockerfile for the frontend is located, so that the docker-compose can take reference of the frontend.

1. Remove any existing images.

* Please delete any existing images if already exists regarding the GoBeyond app.

1. Do the “docker-compose up” command to build and deploy the images to localhost.
   * This should bring up the application. Please add a volume to save the data. The volume is messing up with my memory. So I had to remove it as my laptop is only 128gb :-D.
2. To add an admin user, download postman/Insomnia:  
     
   **A JSON response has to be sent as POST. Below is the script to add a user**

**POST URL: localhost:8080/api/users/register**

**JSON Query:**

{

"username": "admintest",

"email": "admintest@etsu.com",

"password": "Admin1",

"role": "admin",

"technologyNames": [

"Java",

"Spring Boot"

]

}

* Please use the video as a reference: <https://www.youtube.com/watch?v=qyYAOty_bDs>
* Once the user is added as an admin. You can see it in the user’s table in the database.
* To access the database, go to Postgres container >> Exec  
  and execute the below command: psql -h localhost -p 5432 -U postgres
* Now go to directory: \dt
* Run the query to see the user’s table.
* Note down the ID of the new admin user that’s been added.

1. **Approving the user:**

* PUT request as a key-value pair:
* **PUT URL: localhost:8080/api/users/<ID (just number)>/status**
* **Key is newStatus**
* **value is approved**
* **You need to switch from raw to form-data to run these key-value pairs.**
* **You can see the code 200 response as the status is updated.**

**Optional:**

1. **To add a technology stack to the field that pops up for the skills when creating a project:**

**Post url: localhost:8080/api/technologies**

**JSON:**

**{**

**"name": "MySQL"**

**}**

**All these can be changed by interacting with the database. Using API is suggested as it doesn’t allow irrelevant information into the database**