Installation Instructions

1. Ensure that Docker Desktop has been installed on your machine.
    a. Information about this process can be found in the Docker Desktop Documentation: https://docs.docker.com/desktop/.
2. Clone the Four-Year Plan Tracker code from the Bitbucket repository.
    a. Before cloning the repository, be sure that you are in the desired directory on your local machine.
    b. Cloning the repository can be accomplished with the following command (where <username> is your Bitbucket username):
    `git clone https://<username>@bitbucket.org/jkashuba/tbd.git`.
3. Build the Docker image and container.
    a. First, ensure that any old versions of the image or container are stopped and deleted. The necessary commands for this step are located in the README.md file.

    Note: give the run.sh script r/w/e permissions by executing the `chmod 777 run.sh` *command in the terminal*

    b. Next, run the run.sh script which can be found in the main directory. The command to run this script is as follows:
    `./run.sh`. This will build a new container from the current image and tether the application to the port specified in the script.
4. Access the app via port 5000.
    a. The Four-Year Plan Tracker is now fully operational. To interact with the application, enter the following URL into your browser: https://localhost:5000/.
5. When system is no longer in use, stop the container from the Docker Desktop application.

  a. If the system's services are needed again, start the container from the Docker Desktop application.

  b. For more information about how to use this Docker Desktop application functionality, refer again to the Docker Desktop Documentation: Information about this process can be found in the Docker Desktop Documentation: https://docs.docker.com/desktop/.

6. For more information about the Four-Year Plan Tracker system, refer to the SRS.pdf file. Additionally, you can refer to the README.md file for information about how Docker is used to deploy the Four-Year Plan Tracker system.