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Installation instructions.

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## 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:

Commented [RV1]: refer to docker desktop app (so we can start and stop container)

`./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.