# Project Documentation

## Prerequisites

* Docker
* Docker Compose

## Setup

To build and start the project, simply run:

docker-compose up --build

If you have been built:

docker-compose up

If you want to use https:

* **Please read How\_to\_set\_private\_ssl and create key for this project**

docker-compose --file docker-compose\_https.yml up

## Predefined Users

The following four users are pre-configured in the system with identical credentials:

* **Username**: manager, FE, NE, ONC
* **Password**: as same as username
* **Roles**:
  + manager: Admin user with full privileges.
  + FE: Frontend user.
  + NE: Network user.
  + ONC: Oncology user.

These accounts are created during the docker-compose up --build process.

## Adding New Users

To add a new user, you can use the provided create\_user.sh script. Follow these steps:

1. Open the create\_user.sh script.
2. Modify the parameters in the script:
   * **Username**: The new user’s username.
   * **Password**: The new user’s password.
   * **Role**: The new user’s role. Valid options are FE, NE, ONC, and admin.
3. Run Server with docker, them run the script to create the new user:

* bash create\_user.sh
* This will create the user and assign them the specified role.

### Valid Roles

* FE: Frontend user.
* NE: Network user.
* ONC: Oncology user.
* admin: Admin user with full access.

**Note**: Only the roles FE, NE, ONC, and admin are allowed. Make sure to set the role carefully when creating a new user.

## API Endpoints

## Notes

* If you need to modify user data, you can directly interact with the backend or modify the database.
* If you need to modify client sales daata, you can modify the static.csv file where in ./static.

## Troubleshooting

* If you encounter issues with Docker Compose, try running docker-compose down to stop and remove the containers, and then docker-compose up --build again.
* If you wnat check the source of volume, use docker inspect merck\_frontend-backend-1 | grep "Source"
* Make sure files that you want mount have correct permission. You can check permission by ll. You may want to modify that with chmod 744 <file> or chmod -R 744 <dict>
  + (replace 744 with 766 or (777), it will make anyuser has modify permission (and execute permission ))