

fEMR Documentation v1.0

Username – admin

Password – admin

1. How to Start the fEMR application on the host computer

a. Ubuntu

- i. Go to the `..\femr\dist\femr-0.0.1\` directory
 1. If the dist folder does not exist do the following
 - a. Open terminal and go to the femr directory
 - b. Type 'play clean compile dist'
 - c. Once that has finished go to the `..\femr\dist\` directory and extract the femr-0.0.1 folder
- ii. Double click the start file
 1. If a text document opens, close it and go back to the folder
 2. Right click the start file and click Properties
 3. Under the Permissions tab check the box labeled "Allow executing files as program" then double click the start file again
- iii. When a prompt appears asking to run or display the contents of the file click the "Run in Terminal" button.
- iv. Wait until the command prompt says
[info] play – Listening for HTTP on /0:0: 0:0: 0:0: 0:0:9000
- v. Open a browser and type localhost:9000 in the address bar then press enter

b. Windows

- i. Go to the `..\femr\dist\femr-0.0.1\femr-0.0.1\` directory
 1. If the dist folder does not exist do the following
 - a. Open command prompt with administrator privilege and go to the femr directory
 - b. Type 'play clean compile dist' without the ''
 - c. Once that has finished go to the `..\femr\dist\` directory and extract the femr-0.0.1 folder
 - d. Copy the start.bat file from the `..\femr\related_documents\Deploying the project\` directory and paste it in the extracted folder, `..\femr\dist\femr-0.0.1\femr-0.0.1\`, at the same level as the other start file.
 - i. Note: Open the start.bat file and make sure it's pointing at the current directoy\lib*
Example: `java -cp "C:\Users\WSU\IdeaProjects\femr\dist\femr-0.0.1\femr-0.0.1\lib*" play.core.server.NettyServer`
- ii. Double click the start.bat file
 1. Make sure you run the start.bat file, not the start file.
 2. If the start.bat file doesn't exist you can copy it from the `..\femr\related_documents\Deploying_the_project\` directory
- iii. Wait until the command prompt says
[info] play – Listening for HTTP on /0:0: 0:0: 0:0: 0:0:9000

- iv. Open a browser and type localhost:9000 in the address bar then press enter
2. How to stop the fEMR application on the host computer
- a. **Ubuntu**
 - i. While in the Terminal which shows the application running press the keyboard keys 'Ctrl+C'.
 - b. **Windows**
 - i. While in the command prompt which shows the application running press the keyboard keys 'Ctrl+C'.
 - ii. You will be prompted to "Terminate batch job (Y/N)?"
 - iii. Type 'Y' and press enter
3. Admin
- a. **Creating a user**
 - i. Click the "Admin" button In the top left corner
 - ii. Click the "Add user" button
 - iii. Fill out the information, E-mail address, password, first name, last name, and groups the user will be a part of.
 - iv. Click the "Submit" button.
 - b. **View existing users**
 - i. Click the "Admin" button In the top left corner
 - ii. Click the 'Users" button
 - c. **Logging out**
 - i. Click the "fEMR" button in the top left corner
 - ii. Click the logout symbol in the top right corner
4. Triage
- a. **Adding a new patient**
 - i. Click the "Triage" button in the top left corner
 - ii. Fill out the patient information.
 - 1. First name, last name, city, and age/DOB are required.
 - iii. Click the "Submit Patient" button.
 - b. **Creating a new patient encounter by ID**
 - i. Click the "Triage" button in the top left corner
 - ii. In the "Patient ID" field enter the patients ID number and click the "Search" button.
 - iii. Update the patient information.
 - iv. Click the "Submit Patient" button.
 - c. **Creating a new patient encounter by Name**
 - i. Click the "Triage" button in the top left corner
 - ii. In the "First Name" and/or "Last Name" field enter the name of the patient you would like to create a new encounter for.
 - 1. If multiple patients exist, in the Duplicate Patient Search Results area press the "Select" button next to the patient you want to create a new encounter for.
 - iii. In the top right corner press the "New Encounter" button.

- iv. Update the patient information.
- v. Click the "Submit Patient" button.

d. Viewing a previous patient encounter.

- i. Click the "Triage" button in the top left corner
- ii. In the "First Name" and/or "Last Name" field enter the name of the patient you want to view a previous encounter of.
 - 1. If multiple patients exist, in the Duplicate Patient Search Results area press the "Select" button next to the patient you want to view a previous encounter of.
- iii. On the right side under Previous Encounters click the date or chief complaint of the encounter you would like to view.

5. Medical

a. Adding a patient's medical information

- i. Click the "Medical" button in the top left corner
- ii. Enter the patient's ID and click the "Submit" button
 - 1. If they've already been seen that day you can edit their encounter
- iii. Update information on the HPI and Treatment tabs.
 - 1. Under the Treatment tab you can add multiple, up to 5, problems or prescriptions by pressing the "+" button. You can also remove problems or prescriptions by pressing the "-" button.
 - a. If updating an encounter from earlier in the day you cannot remove problems or prescriptions.
 - 2. You can also update a patients vitals by clicking the "Record New Vitals" button, the clicking the "Save New Vitals" button after updating them.
- iv. In the bottom right corner press the "Submit Patient" button.

6. Pharmacy

a. Replacing Medication

- i. Click the "Pharmacy" button in the top left corner
- ii. Enter the patient's ID and click the "Submit" button
- iii. Under "Replace?" click the "Yes" button next to the medication you want to replace
- iv. In the text field that appears to the right of the "Yes" button type in the name of the medication you want to replace the previous medication with.
- v. In the bottom right corner click the "Submit" button.