

[Intro] ~ 1 Min

(Have Phase 1 Document Open on User's Guide/Walkthrough Section)

Hello, so we implemented most of our functions and UI design based off our phase 1 document where we detailed the designs.

We did make some changes, it was too ambitious to fully go for logos and (scroll down to the homepages) for the homepages we changed the messages section to be a section where they could update their contact information such as email and phone number.

(Change to Phase 2 Document on Class Diagram Section)

It's a little hard to read, but compared to the class diagram we made a couple changes in how we formatted our code. Instead of having each screen/page as a separate object, we created one main java class that creates each screen in that one file.

We also created an Appointments object that stored the physical test information. However, the Patient and Associate objects are essentially the same.

We stored all of these object information with the help of load, save, read methods that utilize the source folder and their individual folders with txt files.

[Code Demo 1] ~ 1 Min

(Have the code open to PatientLogin and run it up to patient login screen)

To demonstrate our code's functionality, here we have the patient's login screen where they enter their email and password to login. If they forgot their password, they can click on this link to reset their password (click into the link but don't actually test it out).

Going back to the login page, they can also create an account if they don't have one already. (Create an account with random information and look at the code's console log at the bottom). Once it's created it will be stored in the file system and the console log will tell us where it's stored.

Let's login to a pre-existing account (Login to John Smith's account [Jsmith@gmail.com && Password]. Here you can see the Patient Portal where they can see their previous appointments and a section to change their contact information.

At the bottom they can also ask questions to the associates.

[Code Demo 2] ~ 1 Min

(Have code open to Patient Portal and run it with John Smith's login information and get to Patient Portal Page)

To view previous appointment information, they can click on one of these hyperlinks named appointment #s. This will take them to a screen with that specific appointment's information.

(Click into an appointment)

Here you can see vitals taken, newly prescribed medicine, doctor's findings, and previous health issues, medicine, and immunization records.

(Exit out of the run program and start it again but this time go to Associates Login Page)
Exiting out of the clinical system, we will demonstrate our associate login page.

Similar to the patient login screen, there's a forgot password link and a sign up link. The forgot password link is the same but the sign up link is different (click sign up link).

Here almost everything is the same but for associates they will create their own associate ID, acting as their username almost. (Don't fill it out just go back to login page)

We will login to an existing associates account (Login with IvanHill@gmail.com && IHill).
Here you can see the associates homepage.

[Code Demo 3] ~ 1 Min

(Have code open to associates homepage and login to associates account with
IvanHill@gmail.com && IHill)

The homepage is similar for both patients and associates. Except for associates, instead of previous appointments, they see upcoming appointments that they need to test with. Once they click the link to one of these patient names, it will lead them to the test.

On the right they have the same section where they can change account contact information.

At the bottom they have a drop down list where they can see patient's previous appointments if they want to. (Click one of John Smith's appointments).

Once you select what visit you want to view, push the open button and it will take you to the same screen the patient sees with the same information.

Once you are done viewing you can click back to the homepage and it will take you back to the associate homepage. You can also click this logout button which are in both home pages. (Click the logout button).

[Code Demo 4] ~ 1 Min

(Have code open on the side to the appointments page and login with IvanHill@gmail.com && IHill)

To demonstrate the physical test, we can click on a patient name here (click on John Smith). Here we can fill out the weight, height, body temperature, and blood pressure. (Start filling it out while talking) On the right, you can also fill out previous medicine prescribed, previous health issues, and immunization history (Just put N/A for them).

Then you can click on Take Physical Exam where the doctor will input his findings, medicine they think needs to be prescribed, and recommendations for the patient. Once they fill all of this out, the doctor can then click submit which will take them back to the homepage.

(You can close the run and open up file explorer to see in the src folder there's 3 folders PatientRecords, AssociateRecords, and AppointmentRecords)

Here is our “database” system, where all the information is being loaded, saved, and written.