End of Project - Individual Contributions

Name	Contributions
Saad Makrod	1. Setup the GitHub repo and added everyone as contributors. 2. Did a demo on how to use GitHub on the command line and set up the repos on your own pc 3. Original patient app design (i.e. I made the **original** plan for the interfaces, abstract classes and classes (can be seen in the first commit) - we updated this as a team as we went along) 4. The UIDesign and ImplementationNotes in the notes folder on github (this was only for the patients side we just followed a similar thing for the doctors, the UI design was updated to what we felt as a group worked better) 5. PatientBookDoctorActivity - Allows the patients to view doctors based on the selected filters and then move to PatientDoctorAvailabilitiesActivity. Anindro showed me how to use an ArrayAdapter. 6. PatientDoctorAvailabilitiesActivity - Lists the selected doctor's availabilities and when the user selects one it updates the database accordingly. It uses the patient and doctor classes developed by Mario. 7. DoctorAvailabilitiesActivity - I worked with Anindro and I did the addAvailabilities method, so I implemented the feature that allows doctors to add new availabilities and it updates the database accordingly 8. Redid the Login Module to MVP design - Nimra implemented the original design and Anindro helped debug the issue. Nimra successfully did the MVP approach but there was an issue with the login button needing to be pressed twice before logging in. I thought of a different way to do it so I controlled Nimra's screen via Zoom remote control and developed the Contract interface and implemented the model, view and presenter interfaces so that the Login Module followed the MVP. It seemed to work so we went with that. I later updated it so that it read data only once to avoid a recurrence of toasts. 9. Helped debug code in our group sessions 10. Tested code before pushing (as per working agreement) 11. Had meeting with Anindro and Mario to talk about the database implementation and how we wanted to structure the data (since our activities worked with it specifically)
Mario Liao	1. Created a UI design for the app, but did not ended up being used for final UI design for the app 2. Earlier in the project, figure out the reason why we weren't able to access (read/write) from the database which was because our rules for the firebase initially had read and write set to false

	3. Implemented the patient class, along with it's update_appointment and book methods to be used in the PatientMainActivity and the PatientBookDoctorActivity. Book method will add an upcoming appointment for the patient in the database, and update_appointment method will not only remove upcoming appointments in which the data has passed, but will also send the doctors that have been visited to a list of doctors that the patient has previously visited via the database 4. Worked with Saad and Anindro to figure out how we want the database to look like and how we want the structure in the database to be (so things like where should the data for upcoming appointments be located for the patients, and what should be the key value pair be, etc) 5. Implemented and created the UI for the PatientMainActivity so that it shows all the upcoming appointments for the patient (Anindro helped out here so that it shows the doctor's name instead of username). Courtesy of Saad for the implementation of the back button in the PatientMainActivity . Also added buttons: log out (log the users out), book (brings the patient to the book activity), doctors (shows the patient the previous doctors they have already visited), refresh (refresh the PatientMainActivity activity so that it will update the upcoming appointments, if any appointments has passed, or any appointments been added, etc). 6. Implemented and created the UI for PatientPreviousDoctorsActivity so that it shows the patient all the doctors they have previously visited in the clinic 7. Implemented the doctor class along with the interfaces used for it, along with it's update_appointment and book methods to be used in DoctorMainActivity and the PatientBookDoctorActivity, so that whenever a patient books an upcoming appointment with a doctor, the doctor will also have that upcoming appointment booked for themselves, and update appointments will remove the upcoming appointments for the doctor which the date has passed and also send the patients that have been visited to a list of patients that the doctor has previously visited via the database 8. Extensively tested all my code before committing and pushing to the repo 9. Helped debug code in meetings
Anindro Bhattacharya	1. Created a rough outline of the UI design for the app (which was eventually not used after a joint team consensus). 2. Implemented the AppointmentMeeting and UpcomingAppointment classes which were planned to be used for updating a patient's list of upcoming appointments. After learning more about Firebase's asynchronous nature, our team decided to refactor the design such that the database is directly updated. Thus, these classes were no longer used in the final submission; however, logic from these implementations are integrated in the current code.

3. Helped Nimra push her implementations for the PatientDB, MainActivity and PatientLoginActivity classes to Github. Commit on August 1st, 2021 at 6:39 PM contains her implementations.
4. Implemented the FilterDoctorsActivity which allows the patient to filter the gender and specialization of a doctor in order to get a tailored list of doctors to fit their needs in the next Activity. Saad implemented the Back Button at the top of the screen to allow for the user to go back and forth between activities.
5. Added the functionality in PatientDoctorAvailabilitiesActivity that after a patient books an appointment with a doctor, that appointment slot is deleted from the doctor's list of availabilities. This is to ensure that a doctor is not double-booked.
6. Implemented the backend and UI for the DoctorMainActivity which is the page that a doctor sees upon login. This activity displays a list of the doctor's upcoming appointments in a scrollable TextView and spinner from which the user can click an appointment after which they will be directed to the ViewPatientInfoActivity. There is also the 'Availability Manager' button which directs the user to the DoctorAvailabilitiesActivity, the 'Log Out' button, the 'Refresh' button as well as the 'Leave Clinic' button which directs the user to the DeleteDoctorActivity (implemented by Denise).
7. Implemented the ViewPatientInfoActivity on which doctors can view a patient's information (i.e., personal information and previous doctors visited) after having clicked on an upcoming appointment in the DoctorMainActivity.
8. Began implementing the DoctorAvailabilitiesActivity. I helped list out the doctor's availabilities on the screen. Saad had later added the functionality on this activity to allow the doctor to add availabilities to the list.
9. Wrote all the Mockito unit test cases for the Login modules. In order to do so, I had to refactor one of the methods in the LoginData class (i.e., the Model class). These test cases have achieved 100% coverage in the LoginPresenter class.
10. Helped debug code in group sessions.
11. Extensively tested my code before pushing it to the repository.

| Denise Ou | 1. Brainstormed and created a possible prototype for the UI design using Adobe Xd. I included images and a background (which is the current background for the app that we decided to use) to make it more realistic. Recorded short clips of navigating through the prototype to show the group during our meeting where we all shared our ideas for designs for the UI. Did not end up using my design due to complexity.
2. Implemented the MasterList classes for both doctors and patients, which contained methods to add, search, and remove a doctor/patient from the master list. Originally, we planned to use the MasterList class to create a master list to keep track of all the doctor and patient users, |

in order to let us quickly search for them and perform operations such as booking appointments. However, we learned that it was not possible to keep this master list constantly updated and it would be lost after the app is closed. Therefore, as a group we decided to take out the MasterList classes and not to push the code to the repository, as it was no longer needed.

3. Implemented PatientSignUpActivity and created the UI for it. This activity allows patients to sign up and user input is validated through regex. It would throw errors to let the user know that they need to provide a valid input.

4. After integrating the code for PatientSignUpActivity with the backend classes, there was an issue with writing to the database. Worked with Nimra to try to resolve this issue. Nimra helped to identify what was wrong and she was able to fix the code so that it was able to write to the database. Then she sent me the edited file so that I can fix the remaining issues such as the error message for a username having less than 6 characters was not showing on the emulator screen.

5. Implemented DoctorSignUpActivity and created the UI for it. This activity allows doctors to sign up and user input is validated through regex. It would throw errors to let the user know that they need to provide a valid input.

6. Decided to add DoctorSelectSpecializationsActivity as the original plan was to have the doctors type in their specializations into a textbox. However, after considering possible ways to validate this input through regex, it seemed that this way was prone to spelling mistakes or doctors entering different variations of the same specializations, therefore it would be harder to validate the input.

7. Implemented DoctorSelectSpecializationsActivity and created the UI for it. Created a layout with a scroll view to allow doctors to check off their specializations from a comprehensive list of specializations that I researched. Then the chosen specializations would be displayed on the DoctorSignUp screen in addition to a toast of the chosen specializations.

8. I had a meeting with Anindro to debug the code together for DoctorSelectSpecializationsActivity as while I was testing my code I was not able to get to that activity through clicking the button and the toast messages were not showing up. Anindro helped and provided advice to help fix those issues, such as making sure that the activity was listed in the AndroidManifest.xml file and to delete/re-add the activity as sometimes it could be an issue with Android Studio.

9. Implemented DeleteDoctorActivity and created the UI for it. This activity has two buttons that lets the doctor dismiss (if they accidentally clicked the leave clinic button) or confirm deleting their account. When the doctor deletes their account, it would delete any upcoming appointments they have on the patient's side as well, before the doctor's data is deleted from the database. This ensures that a

	patient would not have any upcoming appointments with a doctor that has left the clinic.
	10. Helped debug code during our group meetings.
	11. Thoroughly tested my code for the classes and activities that I implemented before pushing the code to the repository.
Nimra Maqbool	1. Created a rough idea of the UI design for our app (which was not used because of the complexity in my design).
	2. Initially implemented the PatientEntryActivity but I asked the group if I could incorporate the part on Patient LoginActivity to avoid having many activities and the group agreed to it so deleted that class.
	3. Implemented the PatientDB for the patient user stories (access the database to add patient/doctor and search patient/doctor in the database.)
	4. Implemented the backend and UI of the MainActivity which is the main page of the app that shows the title and doctor and patient button.We can navigate to Doctor signin/patient sign in using the buttons.
	5. Implemented the backend and UI of PatientLoginActivity (Added the logo, also added the password view feature that enables the user to view the inputted password. PatientLoginActivity checks for the username and password from the database and redirects you to PatientMainActivity once login is successful).
	6. I was having issues with pushing on git, so Anindro helped me push implementations for the PatientDB, MainActivity and PatientLoginActivity classes to Github. Commit on August 1st, 2021 at 6:39 PM contains my implementations.
	7. PatientSignupActivity was not writing to the database, so helped Denise fix the errors with validating input and writing to the database on PatientSignupActivity (and sent the file to Denise through discord so she can continue working on her Activity).
	8. Implemented the DoctorDB class for the doctor user stories. (access the database to add patient/doctor and search patient/doctor in the database.)
	9. Implemented the DoctorLoginActivity class and created the UI for it (Added the logo, password view feature. Added the logo, also added the password view feature that enables the user to view the inputted password. DoctorLoginActivity checks for the username and password from the database and redirects you to DoctorMainActivity, once login is successful).
	10. **I Refactored** the login module according to the MVP approach. **I implemented** the PatientLoginActivity and DoctorLoginActivity using the MVP approach. But there was an issue with the login button needing to be pressed twice before letting the user log in. Anindro and Saad tried to debug but couldn't fix the error. Saad thought of another

	way to do the MVP, so he controlled my screen using the zoom remote control feature and the group decided to go with this method. 11. Anindro pushed my androidmanifest.xml file and MainActivity on git on Aug 8. 12. I forgot to push my res file that contained the doctor logo, so I sent the image to saad, so he added it to the working copy before pushing it on github. 13. Helped debug code during our meetings 14. Tested extensively before pushing the code to the repository.

Planning Session - July 26, 2021

- In this Scrum meeting, we discussed about our working agreement and learned about the requirements of the project along with being given our first user stories

Group Members: Liao, Mario (mario.liao@mail.utoronto.ca)
Bhattacharya, Anindro (anindro.bhattacharya@mail.utoronto.ca)
Makrod, Saad (saad.makrod@mail.utoronto.ca)
Maqbool, Nimra (nimra.maqbool@mail.utoronto.ca)
Ou, Denise (denise.ou@mail.utoronto.ca)

Product Owner: Hafsa Zahid (hafsa.zahid@utornoto.ca)

Work Agreement Includes:
- Scrum master: Mario Liao
- Standup meetings: Every weekday 17:00 EST on Discord
- Standup meetings will be 15 minutes, and everyone has to answer the 3 questions:
   1. What have I finished since the last meeting?
   2. What am I going to finish by the next meeting?
   3. What is stopping me / What obstacles am I facing?
- Version control system: GitHub
- Information to include in comments: Name of person who updated and what they added/changed
- Code needs to be fully tested before committed to the repository
- Everytime code is committed to the repository, the programmer must fill a row of the table (on the last page of this document) stating the date, their name, and their `update
- You cannot remove anything from the repository without permission of the rest of the group
- Merging files into the repository must be talked with the other party (the other users who worked/edited the files as well) before pushing it to the repository

Project Requirements
 - Database of doctors: each doctor has a name, a gender (in case patients are searching for gender-specific doctors), weekly availabilities (which should change when patients book appointments), specializations (for patients looking for a specialist), and a list of patients who have visited them so far
- Database of patients: each patient will have a name, a gender, date of birth, a list of previous appointments, a list of upcoming appointments, and a list of doctors at the clinic that they have previously seen.
- Login page for patients, and one for doctors.
- When patients log in they should see their upcoming appointments as well as a "book appointment" button. When they click that button, they should see a list of doctors. There is a filter option for filtering on doctors' gender and specialization. When they select a doctor, they should see the doctor's availabilities for the upcoming week. They should be able to select a timeslot and book the appointment. This action should update their upcoming appointments as well as the doctor's upcoming appointments lists.
- When doctors log in, they should see their upcoming appointments too. They should be able to inspect the patients and see their info, along with a list of previous doctors this patient has seen. They should also be able to view their own schedule and see which patients have booked when, as well as which time slots are still available.
- When an appointment time passes, the patients' upcoming and past appointments as well as the list of doctors they have seen should be updated accordingly, and the doctor's upcoming appointments and patients list should be updated.
- The program must be implemented such that if any doctor leaves the clinic or new doctors join, it should be easy to include them in the scheduling system. Also, when new patients sign up to use the app, it should be easy to include them as well.

User Stories #1, #2, #3
1. As a patient I want to log in so that I can see the patient screen
2. As a patient I want to see a list of doctors and be able to filter through them so that I can find a doctor that meets my needs
3. As a patient I want to be able to click on a doctor and see their availability so that I can book appointments and see my upcoming appointments updated accordingly

<u>Standup Meeting #1</u> - July 27, 2021

Mario Liao:
1. What have I finished since the last meeting? Downloaded github and learned how to commit and add changes into the repository

2. What am I going to finish by the next meeting? I'm going to have a rough design of the UI and how the system is going work along with how classes will depend on each other

3. What is stopping me/ What obstacles am I facing? Nothing currently

Anindro Bhattacharya:
1. What have I finished since the last meeting?
    I committed a test file to the Github repo.

2. What am I going to finish by the next meeting?
    I am going to create a rough outline of the interfaces to be used in the implementation of the patient accounts.

3. What is stopping me/ What obstacles am I facing?
    I have not run into any problems as of yet.

Saad Makrod:
1. What have I finished since the last meeting?
    I set up the github repo and did a demo on how to use and set up Github.

2. What am I going to finish by the next meeting?
    I am going to come up with a design for the patients' user stories implementation.

3. What is stopping me/ What obstacles am I facing?
    Nothing is stopping me currently.

Nimra Maqbool:
1. What have I finished since the last meeting?
    I downloaded github and github Desktop and learned how to add, commit changes.
    I added a testfile to the repository.

2. What am I going to finish by the next meeting?
   I am going to come up with an idea/design UI for patients' user stories.

3. What is stopping me/ What obstacles am I facing?
   Nothing as of now.

Denise Ou:
1. What have I finished since the last meeting?
   I downloaded GitHub and GitHub Desktop. Learned Git commands and practiced by committing changes and adding a test file to the repo.

2. What am I going to finish by the next meeting?
   I am going to come up with and make a rough outline of the design for the UI.

3. What is stopping me/ What obstacles am I facing?
   No obstacles so far.

Definition of Done, A User Story Is Considered Done When:
- Completely integrated into the system and tested
- Tests must maximize clause coverage
- User story is shown through a demo with the rest of the group must agree to it before it's considered done
- Must be peer reviewed

Planning Poker (Scores of 1-5, 1 being easiest, 5 being hardest)
User story #1 - Score of 2
User story #2 - Score of 3
User story #3 - Score of 4

Standup Meeting #2 - July 28, 2021

Mario Liao:
1. What have I finished since the last meeting? Design a rough idea of how I thought the UI would look like

2. What am I going to finish by the next meeting? Learn how to work with firebase and give my own implementation of the interfaces we already have in place

3. What is stopping me/ What obstacles am I facing? How to send data to the firebase

Anindro Bhattacharya:
1. What have I finished since the last meeting?
   I designed what the UI could look like.

2. What am I going to finish by the next meeting?
   I am going to set up a Firebase database and send data to it. I am also going to implement the interfaces we have currently planned.

3. What is stopping me/ What obstacles am I facing?
   There have been error messages appearing when trying to write to the Firebase database

Saad Makrod:
1. What have I finished since the last meeting?
   I designed what the UI would look like in my opinion and came up with a design for the code (i.e. necessary interfaces, abstract classes and their implementations).

2. What am I going to finish by the next meeting?
   I am going to create a finalized interface to present to the team as well as figure out why firebase is not working currently.

3. What is stopping me/ What obstacles am I facing?
   Currently we have issues with firebase that will hopefully be resolved by tomorrow's meeting.

Nimra Maqbool:
1. What have I finished since the last meeting?
   I finished how the Design interface would look like for the app.

2. What am I going to finish by the next meeting?
   Implement the interfaces that are in place and learn how to use the firebase.

3. What is stopping me/ What obstacles am I facing?
   Trying to send the data to firebase.

Denise Ou:
1. What have I finished since the last meeting?
   I created a prototype of the UI for the first three user stories using Adobe Xd.

2. What am I going to finish by the next meeting?
   Learn how to set up and use the Firebase database and provide an implementation of the current interfaces that we have decided on as a group.

3. What is stopping me/ What obstacles am I facing?
   How to send/add data to the Firebase database.

Standup Meeting #3 - July 29, 2021

Mario Liao:
1. What have I finished since the last meeting? I have learned and connected to the firebase along with reading and writing to the database

2. What am I going to finish by the next meeting? Over two days from now, I should have completed the Patient's class and fully tested it

3. What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
1. What have I finished since the last meeting?
   I got Firebase connected to Android Studio. To test the connection, I made test patients and wrote their information into the database.

2. What am I going to finish by the next meeting?
   I am going to implement the AppointmentMeeting and UpcomingAppointment classes.

3. What is stopping me/ What obstacles am I facing?
   There are no obstacles at the moment.

Saad Makrod:
1. What have I finished since the last meeting?
   I came up with a finalized interface and got firebase working on my machine. I have shared the Firebase database with the team.
   I demoed through the code implementation and fixed any bugs and concerns. Then I pushed it onto Github and it will be the interface for the patients going forward. At this point we should note that we have switched repos from AndroidApp to MedicalClinic.
   I also pushed the final UI design and notes that I made to Github.

2. What am I going to finish by the next meeting?
   No specific deadline but in two days I should finish coding my part of the Appointment interface.

3. What is stopping me/ What obstacles am I facing?
   Nothing currently.

Nimra Maqbool:
1. What have I finished since the last meeting?
   Set up firebase and tested the firebase by adding sample data, and finished the implementation of the interface

2. What am I going to finish by the next meeting?
   I am going to finish working on the Database + MainActivity, PatientEntryActivity and PatientLoginActivity classes over the next 2 days.

3. What is stopping me/ What obstacles am I facing?
   Nothing as of now.

Denise Ou:
1. What have I finished since the last meeting?
   Got firebase set up and connected to Android Studio. Tested connection to the database our group is using by adding sample patient users to the database.

2. What am I going to finish by the next meeting?
   Over the next 2 days, I am going to implement the SignUp activity for patients and the MasterList classes for both doctors and patients. I plan to get most of the SignUp activity done by the next meeting.

3. What is stopping me/ What obstacles am I facing?
   No obstacles at the moment.

User Stories 1 Responsibilities:
- Nimra:
    - Opening activity, login-activity
    - Database
- Denise:
    - Signup activity
    - MasterList classes
- Saad:

- Appointments
- Anindro:
    - Appointments
- Mario:
    - Patients

<u>Standup Meeting #4</u> - <u>July 30, 2021</u>

Mario Liao:
1. What have I finished since the last meeting? I finished writing the code for update_appointments and book, but I need to test them out

2. What am I going to finish by the next meeting? I'm going to finish the list method and test out all my methods

3. What is stopping me/ What obstacles am I facing? I'm not sure how the appointments would look in the database and if we want the date formatter for it, it we do want the date formatter for it, we need to change the appointment class

Anindro Bhattacharya:
1. What have I finished since the last meeting?
   I implemented the UpcomingAppointments class.

2. What am I going to finish by the next meeting?
   I am going to test the UpcomingAppointments class.

3. What is stopping me/ What obstacles am I facing?
   I have yet to figure out how to store Appointments in the database.

Saad Makrod:
1. What have I finished since the last meeting?
   I posted the recording of the meeting from yesterday for the team to view (since Mario was not able to make it to yesterdays' meeting). I also started coding my part of the code implementation.

2. What am I going to finish by the next meeting?
   Make the finishing touches on my part of the implementation and make sure it is working well.

3. What is stopping me/ What obstacles am I facing?
   Nothing currently.

Nimra Maqbool:
1. What have I finished since the last meeting?

I have finished the Design(layout/validate) of the MainActivity and Patient Login page.

2. What am I going to finish by the next meeting?
   I am going to implement the MainActivity, PatientEntryActivity and PatientLoginActivity classes and PatientDB.

3. What is stopping me/ What obstacles am I facing?
   Need to clarify if I need a PatientEntryActivity class because I feel that's just an extra activity as I can have everything on the Patient Login Page.

Denise Ou:
1. What have I finished since the last meeting?
   I finished the layout and validate method for the patient signUp activity. I started implementing the methods for the MasterList classes for both doctors and patients.

2. What am I going to finish by the next meeting?
   Finish the signUp method for the patient signUp activity and the implementation of the MasterList classes, as well as testing it.

3. What is stopping me/ What obstacles am I facing?
   Need to clarify on how MasterList class is being used and stored.

Standup Meeting #5 - July 31, 2021

Mario Liao:
What have I finished since the last meeting? Figured out how to add information to the database without overwriting anything

What am I going to finish by the next meeting? Figure out how to update appointments and previous doctors visited by the patient

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I made some updates to UpcomingAppointments after some discussion with the group.

What am I going to finish by the next meeting?
Clean up the AppointmentMeeting class.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
I re-though the interface structure since some aspects of Firebase do not work as expected. I had three meetings (one with Mario and Anindro, one with Denise, and one with only Mario) where we talked about how the implementation is going to work and we went through how we are planning to fix bugs.

What am I going to finish by the next meeting?
Clean up the interfaces and abstract classes and see what is needed and discard anything not needed.

What is stopping me/ What obstacles am I facing?
Saving data from Firebase does not work so that was a setback no we have to work around this.

Nimra Maqbool:
What have I finished since the last meeting?
I finished the PatientLoginActivity and MainActivity Classes and PatientDB.

What am I going to finish by the next meeting?
Finalize and make any changes if necessary

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Finished implementing the patient SignUp activity and MasterList classes for both doctors and patients. Had a meeting with Saad to discuss the implementation of the MasterList classes and fix bugs.

What am I going to finish by the next meeting?
Finalize the layout and implementation for patient SignUp activity and make any changes necessary.

What is stopping me/ What obstacles am I facing?
No obstacles.

Standup Meeting #6 - August 1, 2021

Mario Liao:
What have I finished since the last meeting? I was able to finish the book and update_appointment methods in patient class along with fully testing it. I was also able to successfully commit and integrate with the rest of the group's code

What am I going to finish by the next meeting? Over the next two days, I need to finish the UI and the activity for the patient screen showing the patients upcoming appointments

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
Nimra was having technical difficulties when committing her changes to Github. Thus, after emailing classes to me, I committed her work to Github (commit on August 1st, 2021 at 6:39 PM includes Nimra's implementations).

What am I going to finish by the next meeting?
I am going to begin working on the Activity for filtering doctors and their appointments.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
I continued coding my part of the implementation but ran into some issues with Firebase again.

What am I going to finish by the next meeting?
I am going to implement patient doctor selection, filtering, and booking.

What is stopping me/ What obstacles am I facing?
There are issues with Firebase again.

Nimra Maqbool:
What have I finished since the last meeting?

Finished the classes and PatientDb.

What am I going to finish by the next meeting?
I am going to add the back button to the login Activity to go back to the mainActivity.

What is stopping me/ What obstacles am I facing?
I faced a problem in pushing to the git, so I emailed Anindro my files. He helped me push it but he forgot to include my name in the comment that I implemented the Classes(PatientDB, MainActivity and PatientLoginActivity for commit on August 1st, 2021 at 6:39 PM) but he fixed the commit again on August 1st, 2021 at 7:07 PM)

Denise Ou:
What have I finished since the last meeting?
I finished the patient SignUp activity layout and implementation.

What am I going to finish by the next meeting?
Test and fix the code for patient SignUp activity to make sure it works now that it is integrated with the backend code.

What is stopping me/ What obstacles am I facing?
Unable to write to the database when signing up a user.

Standup Meeting #7 - August, 2, 2021

Mario Liao:
What have I finished since the last meeting? I implemented the UI for the
PatientMainActivity class

What am I going to finish by the next meeting? I'm going to fix the problem of so that
upcoming appointments shows the doctor's name instead of the doctor's username

What is stopping me/ What obstacles am I facing? Reading from a database and saving a
variable to use outside the function

Anindro Bhattacharya:
What have I finished since the last meeting?
I implemented the FilterDoctorActivity.

What am I going to finish by the next meeting?
I am going to add the functionality that a time slot will be deleted from a doctor's
availabilities list once a patient has booked an appointment during that time.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
I have finished the PatientBookDoctorActivity and PatientDoctorAvailabilitiesActivity.
The PatientBookDoctorActivity will take filters from the FilterActivity and filter the
doctor list before showing it to the user for selection and once the user selects a doctor
they go to PatientDoctorAvailabilitiesActivity. PatientDoctorAvailabilitiesActivity allows
the user to book an appointment with the doctor based on availabilities.

What am I going to finish by the next meeting?
We have finished the Patient User Goals so there is nothing for me to implement at the
moment. I will clean up the code and remove anything we do not need as well as polish
up the UI.

What is stopping me/ What obstacles am I facing?

Nothing currently.

Nimra Maqbool:
What have I finished since the last meeting?
I finished adding a back button to the PatientLoginActivity UI, added background to the PatientLoginActivity. PatientSignupActivity was not writing to the database, so fixed errors with validating input and writing to the database on PatientSignupActivity.

What am I going to finish by the next meeting?
We have finished the patient user stories#1, so nothing as of now except the meeting with the TA.

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Fixed the issues with how user input was being validated for the patient Sign Up activity, such as making sure the error message showed up when a user entered a username that was less than 6 characters. Now if there is an error with the user input, it will stay at the sign up screen until the user fixes it before pressing the sign up button again.

What am I going to finish by the next meeting?
Nothing to implement by the next meeting as we have finished the first set of user stories and will be doing a demo of it tomorrow for the meeting with the TA (Product Owner).

What is stopping me/ What obstacles am I facing?
No obstacles at the moment.

Standup Meeting #8 - August, 3, 2021

Mario Liao:
What have I finished since the last meeting? Added a feature in the patient main activity that is a refresh page button, which updates the upcoming appointments for the patient

What am I going to finish by the next meeting? I'm going to add an activity that shows the patient previous doctors visited

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I have added the functionality that a time slot will be deleted from a doctor's availabilities list once a patient has booked an appointment during that time.

What am I going to finish by the next meeting?
I am going to begin implementing the activity in which the doctor can view their upcoming appointments.

What is stopping me/ What obstacles am I facing?
I am not sure at the moment how to implement the activity such that each upcoming appointment will be a button (since there are a variable number of appointments). I will have to do some research beforehand.

Saad Makrod:
What have I finished since the last meeting?
I have updated the UI and cleaned the code by deleting unnecessary classes and code.

What am I going to finish by the next meeting?
I am going to begin working on my part of the next phase. I will be adding a Patient Data Activity to see the previous appointments and doctors visited as well as do the JUnit tests for all the classes.

What is stopping me/ What obstacles am I facing?
Nothing currently.

Nimra Maqbool:
What have I finished since the last meeting?
Finished my assigned part of Patient User stories and ran the app to ensure that everything is working fine.

What am I going to finish by the next meeting?
Implement the DoctorMainActivity, DoctorLoginActivity class, UI and DoctorDB class.

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Looked over the code and ran the app to make sure everything works before meeting with the TA.

What am I going to finish by the next meeting?
Work on implementing the Delete Doctor activity and the Doctor Sign Up activity that will have an additional option for a doctor to input their specializations.

What is stopping me/ What obstacles am I facing?
No obstacles at the moment.

User Stories #4, 5, 6

1. As a doctor I want to log in so that I can see the doctors screen
2. As a doctor I want to see my schedule for the week so that I can see when I have appointments
3. As a doctor I want to be able to see patient details when I click on an upcoming appointment

Responsibilities for User Stories #4, 5, 6

Testing - Anindro
Login- Nimra
DB- Nimra
Signup - Denise

Main - Anindro
Add Availabilities - Saad
Leave button - Denise
PatientDetails - Mario
Doctor Class - Mario
MVP Login - Nimra, Saad

Planning Poker (Scores of 1-5, 1 being easiest, 5 being hardest)
User story #4 - Score of 2
User story #5 - Score of 2
User story #6 - Score of 3

Standup Meeting #9 - August 4, 2021

Mario Liao:
What have I finished since the last meeting? I added a feature that allows the patient to see their previous doctors visited

What am I going to finish by the next meeting? I'm going to implement my code so that the doctor's list for the patient shows the doctor's name instead of their username

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I implemented the backend and UI for DoctorMainActivity, ViewPatientInfoActivity and DoctorAvailabilitiesActivity.

What am I going to finish by the next meeting?
I have finished my designated portion. If any other team member requires help, I can work with them.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
Working on the doctor's availability and the testing of the app.

What am I going to finish by the next meeting?
Finish the doctor's availability by Friday evening and the testing by Monday evening. No deadline for the next meeting.

What is stopping me/ What obstacles am I facing?
Nothing currently.

Nimra Maqbool:
What have I finished since the last meeting?
I implemented the backend and UI for mainActivity, DoctorLoginActivity.

What am I going to finish by the next meeting?
Finish the DoctorDB.

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Created layout for DoctorSignUpActivity and DeleteDoctorActivity. Wrote code for validating a doctor's name, gender, username, and password.

What am I going to finish by the next meeting?
Implement code for validating doctor's specialization for DoctorSignUpActivity and work on DeleteDoctorActivity.

What is stopping me/ What obstacles am I facing?
Not sure how to validate a doctor's specialization that is inputted when a doctor signs up. Considering a possible option which is listing all possible specializations and letting the doctor check off their specializations.

Standup Meeting #10 - August 5, 2021

Mario Liao:
What have I finished since the last meeting? I'm implemented it so that it shows the doctor's name instead of username in the patient's doctor's list, and I've started the doctor class

What am I going to finish by the next meeting? I'm going to finish the doctor class by next meeting

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I had already completed my designated tasks before yesterday's standup meeting.

What am I going to finish by the next meeting?
I am going to help write some test cases for our program.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
I finished the add-availability feature for the app. So doctors can now add new availabilities to the database.

What am I going to finish by the next meeting?
I am going to begin testing the app and writing the JUnit tests.

What is stopping me/ What obstacles am I facing?
Nothing currently.

Nimra Maqbool:
What have I finished since the last meeting?
I finished implementing the DoctorLoginActivity, DoctorDb classes and added the back button for DoctorLoginActivity.

What am I going to finish by the next meeting?
I am going to help if anyone is stuck somewhere.

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Finalized layout for DoctorSignUpActivity and added a button for a doctor to select their specializations. Created layout for DoctorSelectSpecializationsActivity. Worked on leaveClinic() method in DeleteDoctorActivity.

What am I going to finish by the next meeting?
Finish implementing code for DoctorSelectSpecializationsActivity and integrate it together with DoctorSignUpActivity. Continue working on DeleteDoctorActivity.

What is stopping me/ What obstacles am I facing?
No obstacles at the moment.

Standup Meeting #11 - August 6, 2021

Mario Liao:
What have I finished since the last meeting? I've implemented the doctor class and the update_appointments/book appointments for it

What am I going to finish by the next meeting? Whatever the group needs help with

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I helped Denise debug her code.

What am I going to finish by the next meeting?
I am going to help out with testing.

What is stopping me/ What obstacles am I facing?
Nothing at the moment.

Saad Makrod:
What have I finished since the last meeting?
Starting the testing of the app.

What am I going to finish by the next meeting?
Nothing, just keep testing.

What is stopping me/ What obstacles am I facing?
Nothing currently.

Nimra Maqbool:
What have I finished since the last meeting?
I have finished with my designated work.

What am I going to finish by the next meeting?

According to the Project Testing document posted today, the prof wants an MVP approach for the login module. So, I will have to change, implement and refactor the code for the Doctor and Patient Login activity in the next two days.

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
Finished implementing DoctorSelectSpecializationsActivity and had a meeting with Anindro to debug the code. Fixed the buttons in the layouts to be able to navigate to DoctorSelectSpecializationsActivity. Rearranged my code a bit for DeleteDoctorActivity and decided to take out leaveClinic() method and integrate it under deleteAccountOnClick() method.

What am I going to finish by the next meeting?
Finalize the implementation for DoctorSignUpActivity and work on DeleteDoctorActivity.

What is stopping me/ What obstacles am I facing?
Was not sure how to pass an ArrayList of strings as an intent, but resolved the issue during today's standup meeting after discussing with the team.

Standup Meeting #12 - August 9, 2021

Mario Liao:
What have I finished since the last meeting? Integrated and refactor my doctor class with the rest of the group's code. Implemented so the update_appointment method for doctor is in doctormainactivity and book method for doctor is now also called when a patient books an appointment

What am I going to finish by the next meeting? Help the group with whatever they need so that we are able to submit the project by tomorrow evening

What is stopping me/ What obstacles am I facing? Nothing at the moment

Anindro Bhattacharya:
What have I finished since the last meeting?
I wrote all the Mockito unit test cases for the login module. In order to do so, I had to refactor the LoginData class. I also made minor updates to the DoctorMainActivity UI.

What am I going to finish by the next meeting?
The development of the app is complete and there is nothing left to implement.

What is stopping me/ What obstacles am I facing?
Nothing.

Saad Makrod:
What have I finished since the last meeting?
Redid the login module in MVP design by creating the contract and implementing the model, view and presenter (I controlled Nimra's screen with the zoom remote control feature, Nimra's design worked but had an issue with the login button). Updated the login design so that it only reads data once from the database. Removed intents that referenced classes and made it so that they use names not classes to be referenced.

What am I going to finish by the next meeting?
We have finished the app and there is nothing to finish. I will add Hafsa to the repo and submit the app to quercus along with this document.

What is stopping me/ What obstacles am I facing?

Nothing.

Nimra Maqbool:
What have I finished since the last meeting?
I have refactored the Login Module according to MVP approach and everything was working except the issue where the user had to click on login twice before it shows the toast message login successful. Anindro and Saad tried to debug on Zoom (using a remote control feature) but nothing worked. Saad thought of a different way to implement and as a group we went with it.

What am I going to finish by the next meeting?
We have finished working on the app. So nothing except submission on Quercus by Saad

What is stopping me/ What obstacles am I facing?
Nothing as of now.

Denise Ou:
What have I finished since the last meeting?
I cleaned up my code for DoctorSelectSpeicalizationsActivity and changed the flow of the UI to ensure that doctors choose their specializations first before creating an account. Originally, I had included a button in DoctorSignUpActivity for the doctor to click which would bring them to DoctorSelectSpecializationsActivity. Although the user would be given a toast of the specializations they chose, I decided that it was better to display the specializations chosen in a TextView on the signup screen. I added code to parse the intent string passed to DoctorSignUpActivity. Also, I finished implementing DeleteDoctorActivity.

What am I going to finish by the next meeting?
There is nothing else to work on as we have finished the development of the app and will be submitting it tomorrow.

What is stopping me/ What obstacles am I facing?
No obstacles.