SEG2105[A] FINAL REPORT

Project Group 20

Project Name: MediManage

Timeline: September, 2023 - December, 2023

Group Members:

Kewalramani, Richa
Brown, Chelsea
Lee, Fay
Sassi, Sarra
Mohammed Salih, Fatimah
Lagha, Yasmine

Introduction:

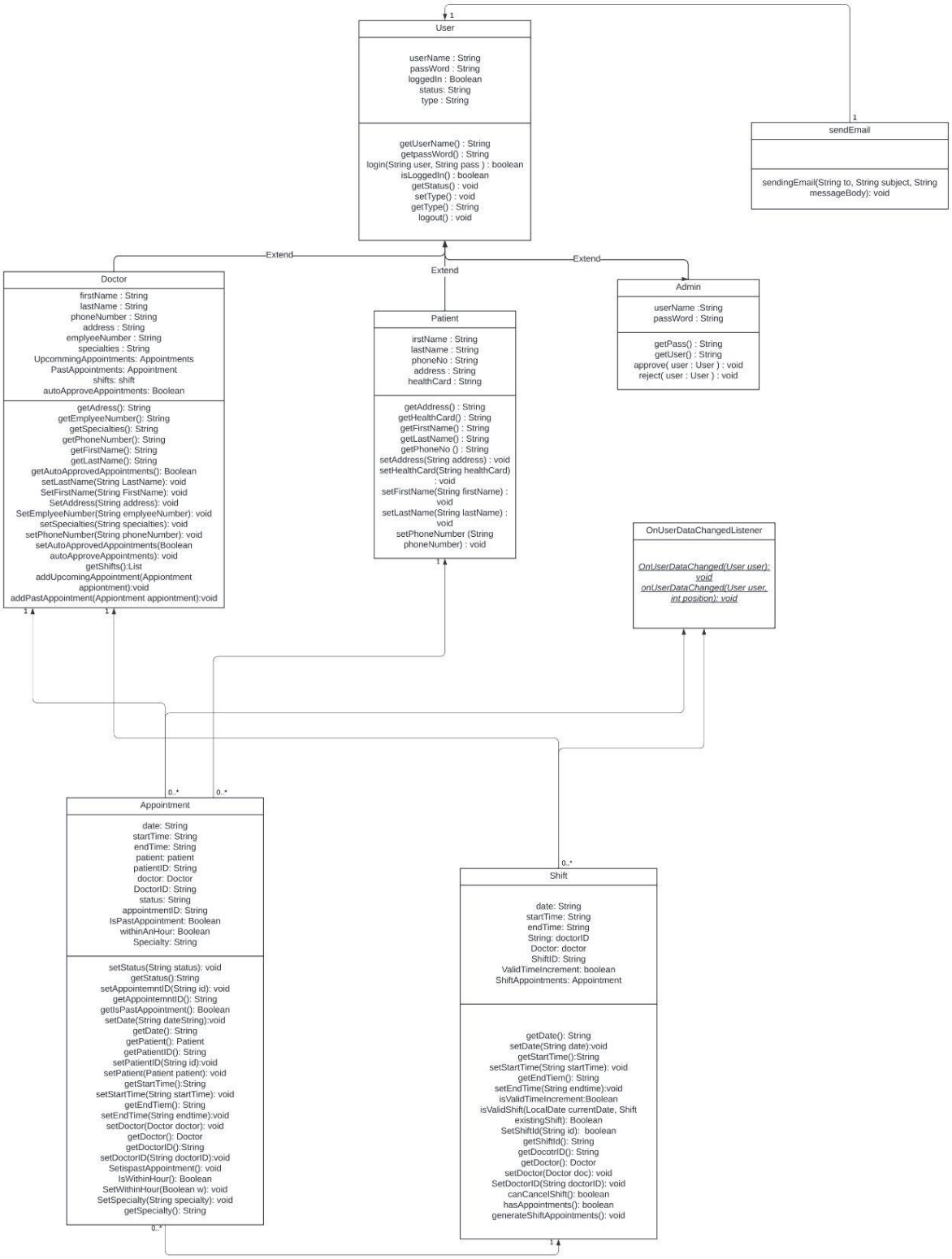
MediManage, an app that simplifies the scheduling of medical appointments for administrators, doctors, and patients. For Patients, MediManage offers a user-friendly interface to book/cancel appointments, view upcoming and past appointments, and rate Doctors. Doctors, upon Administrator approval, can manage schedules, handle appointments, and choose automated approval for efficiency. The Administrator, a pre-registered user, plays a vital role in ensuring system integrity by approving registration requests. Rejected requests are logged for reference, enabling the Administrator to revisit decisions and potentially reverse rejections.

Table specifying the contributions of team members for each deliverable:

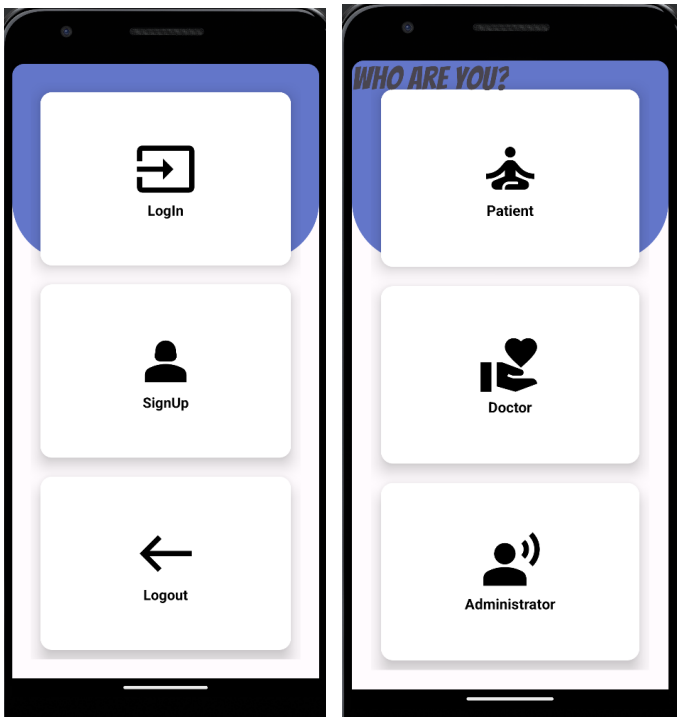
Deliverable	Person	Task
Deliverable 1	Brown, Chelsea	Create User, Admin and Doctor Class Create and Connect Firebase
	Kewalramani, Richa	Create Patient Class Submit APK
	Lee, Fay	Create and Connect the UI Pages
	Mohammed Salih, Fatimah	Rough Sketch of UI pages
	Sassi, Sarra	UML Diagram
Deliverable 2	Brown, Chelsea	UI Pages Registration Approval in Firebase Update Admin Class with Approve Method
	Kewalramani, Richa	Notifying Users through Email Notifications Submit APK 2
	Lagha, Yasmine	Updated UML Diagram
	Lee, Fay	UI Pages
	Sassi, Sarra	Fix Field Validation in Sign Up for Doctor and Patient
Deliverable 3	Brown, Chelsea	UI for Doctor View for Approval/Rejection of Appointments
	Kewalramani, Richa	Submit APK 3
	Lagha, Yasmine	Create Shift Class
	Mohammed Salih, Fatimah	Update Doctor Class Updated UML Diagram Try CircleCI
	Sassi, Sarra	Work on UI for Shift Class Create Appointment Class
Deliverable 4	Brown, Chelsea	Patient Dropdown Search Bar Create and Implement Functionality of Upcoming and Past Appointments Pages Implement Patient Booking Functionality Validate Appointment Cancellation
	Kewalramani, Richa	Final Report Submit APK 4
	Lee, Fay	Patient Rating Past Appointment
	Lagha, Yasmine	Updated UML Diagram
	Mohammed Salih, Fatimah	Implement 4 Unit Test Cases
	Sassi, Sarra	Recreate Shift Class and Implement its functionality and UI Doctor's Specialty Dropdown during Sign Up

[Table approved by all Team Members]

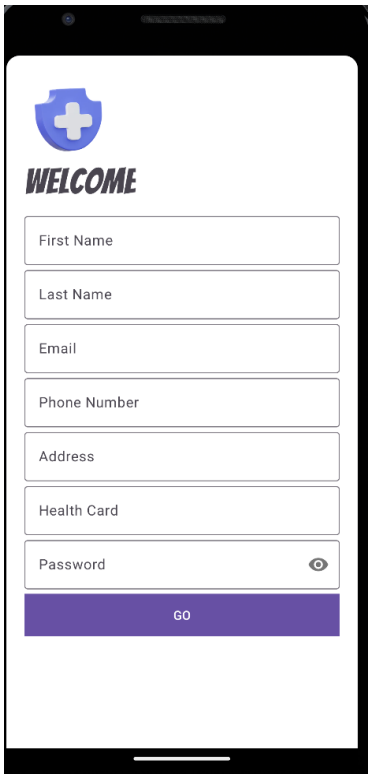
Updated UML for Deliverable 4:



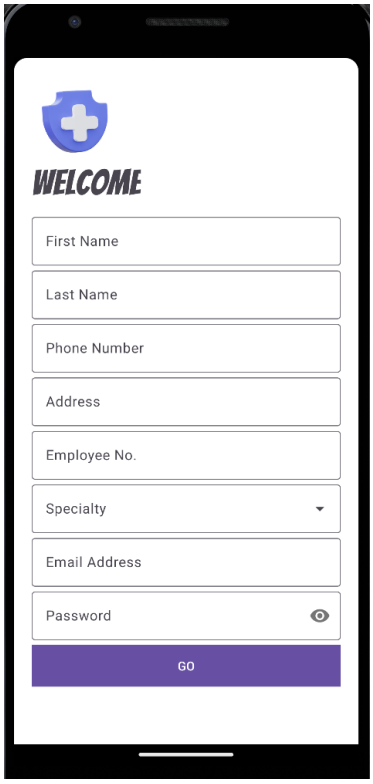
App Screenshots:



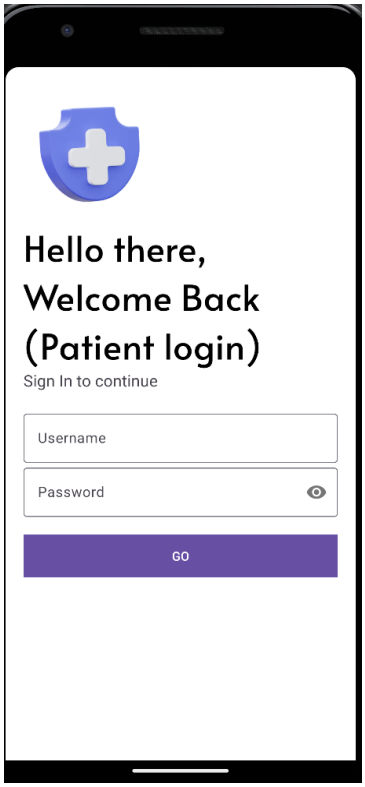
Patient Registration:

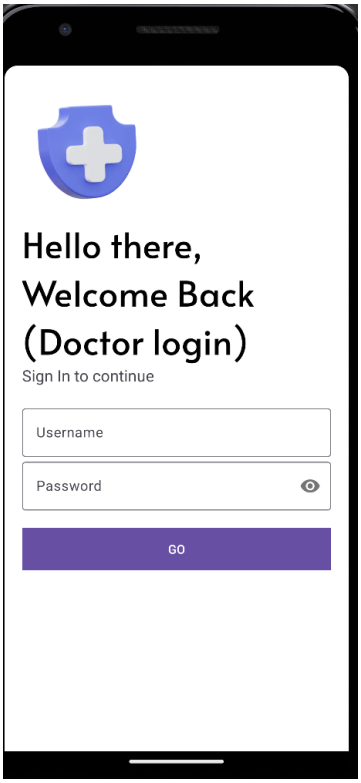


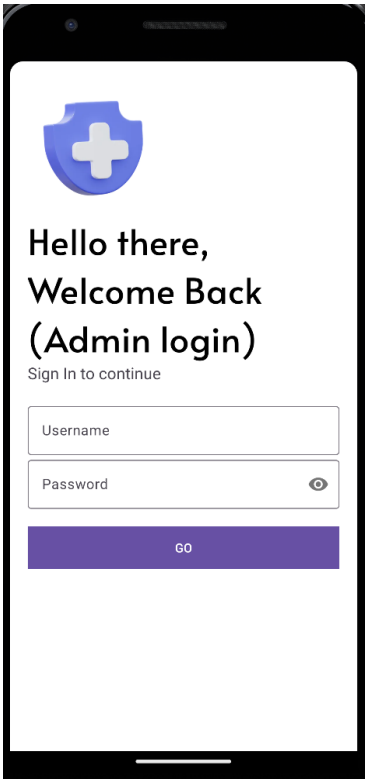
Doctor Registration:



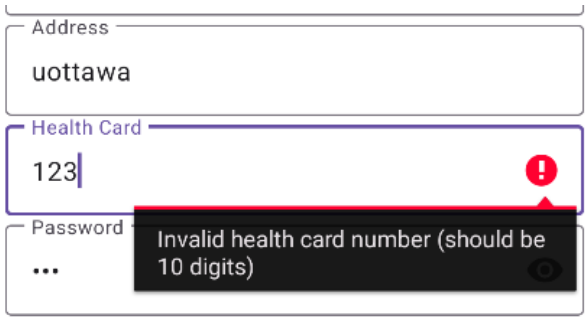
Login Pages:



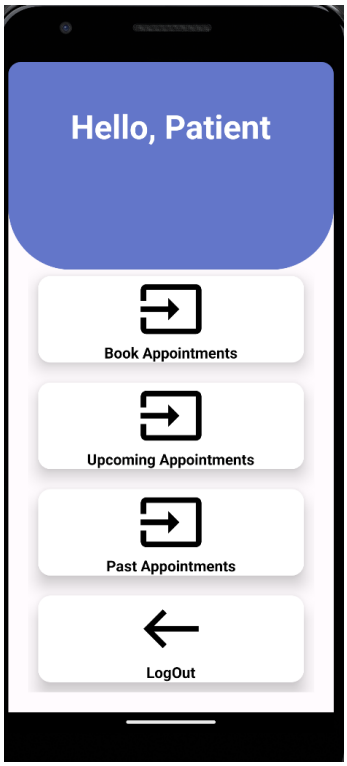


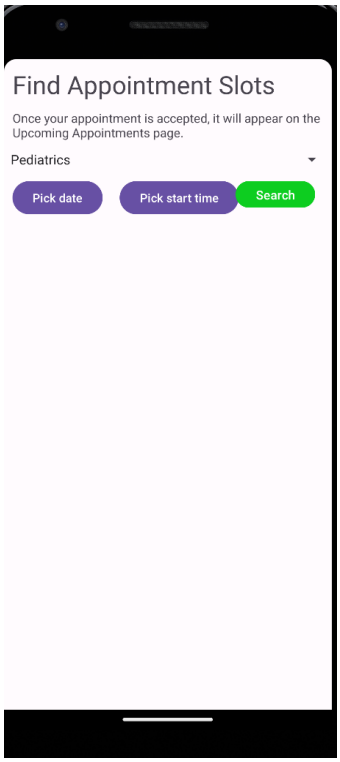


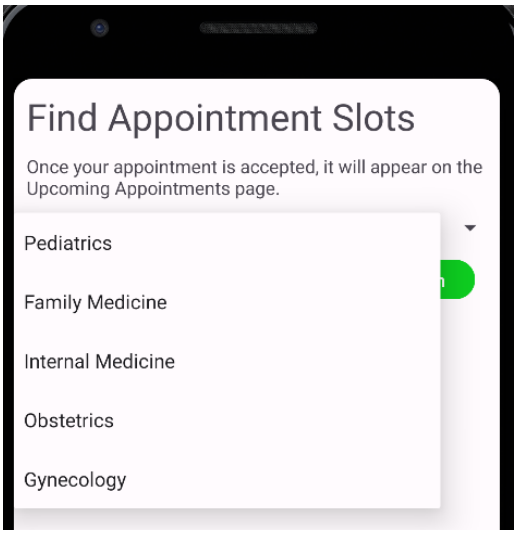
Example of field validation:



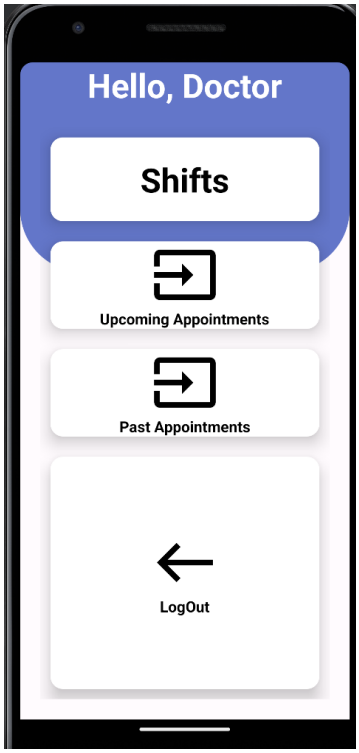
Patient logs in:

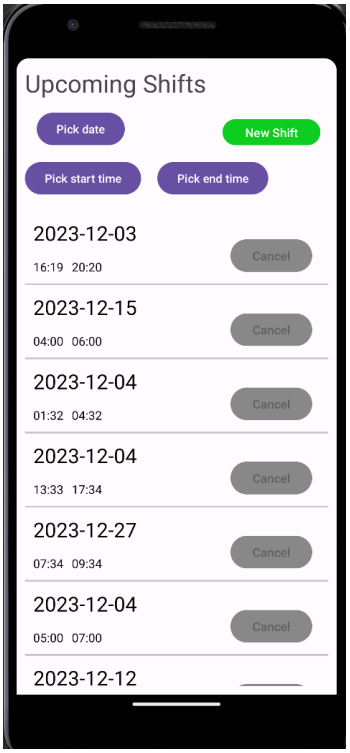


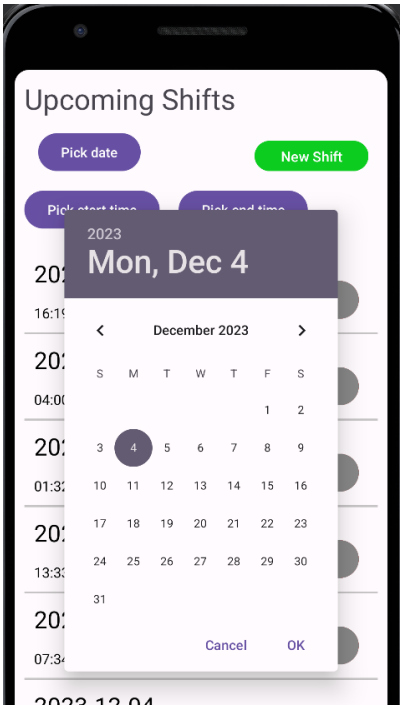


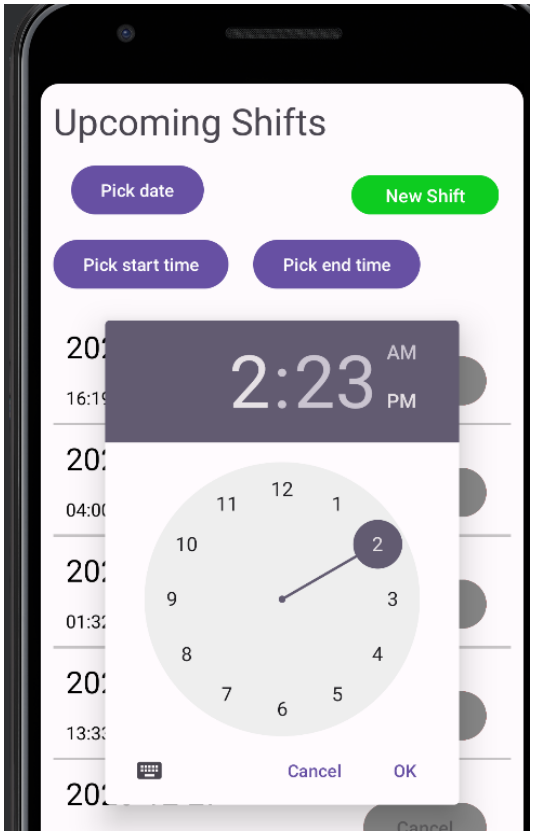


Doctor Logs in:

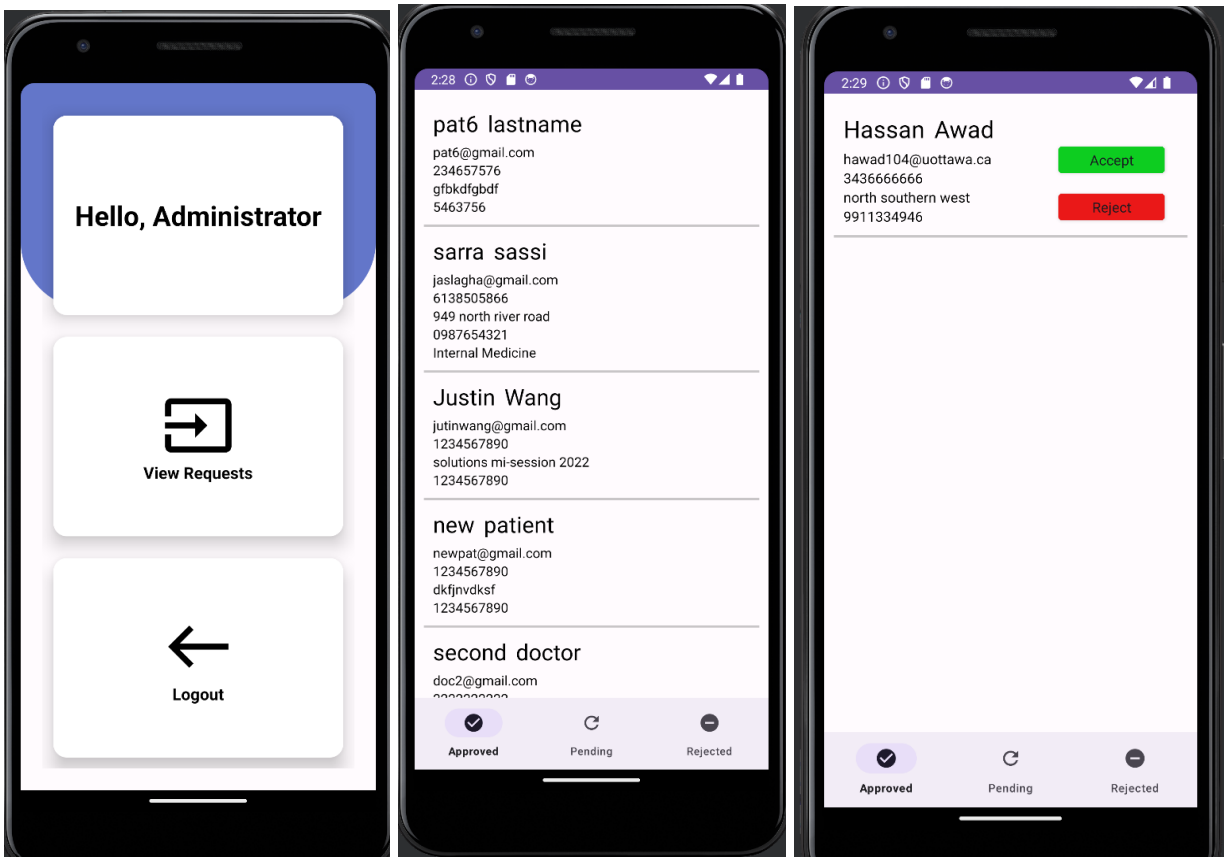




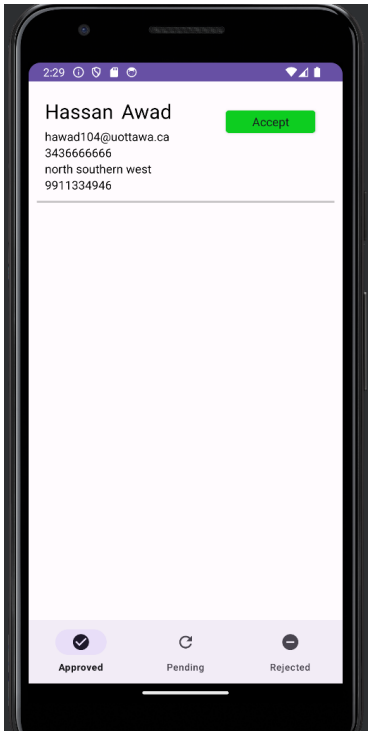




Admin logs in:



When user is rejected:



Lessons Learned:

1. *Communication:*

   We learned that timely communication about any problems or obstacles with assigned tasks was crucial to prevent issues from escalating. This involved creating an environment where we all felt comfortable expressing thoughts or asking for help when faced with difficulties. Regular meetings were held for updates, ensuring everyone stayed on track.

2. *Time Management:*

   The project required learning time management. With tight deadlines and multiple tasks, we learned to prioritize effectively and allocate time wisely. Planning and setting milestones were essential. The experience taught us the value of breaking down the deliverables into manageable tasks and setting realistic timelines.

3. *Conflict Resolution*

   This project taught us the importance of addressing conflicts promptly and constructively. Rather than avoiding or escalating issues, we learned to approach conflicts with open communication, active listening, and a collaborative mindset. Finding common ground and seeking mutually agreeable solutions became essential skills.

4. *Division of Labour*

   We discovered how to value the distinct abilities of every team member and delegate work appropriately. This encouraged a sense of accountability and ownership. This lesson emphasised how crucial it is to conduct routine check-ins to make sure that everyone is on track and that they are feeling supported in their respective roles.

5. *Team Collaboration*

   Team collaboration in a project involves individuals working together to achieve common goals. Collaboration fosters an environment where everyone's strengths are recognized and utilized, challenges are addressed collectively, and

the team adapts and grows together. We learned that for things to go smoothly, it's not just about doing your own tasks but also lending a hand to others when they needed it. This teamwork vibe made the project work better, with everyone chipping in and supporting each other.