

parcha

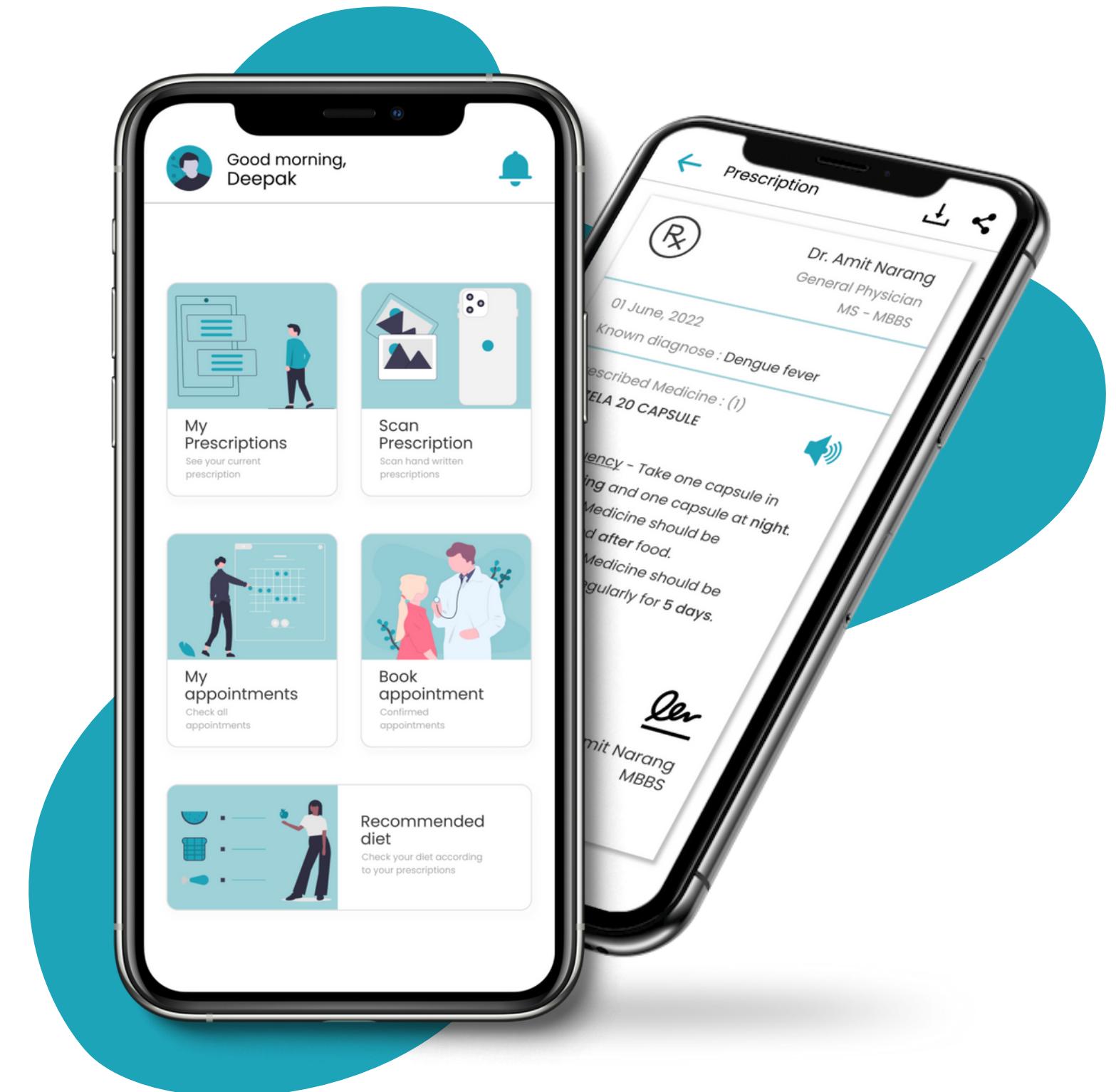
Project Overview

Overview

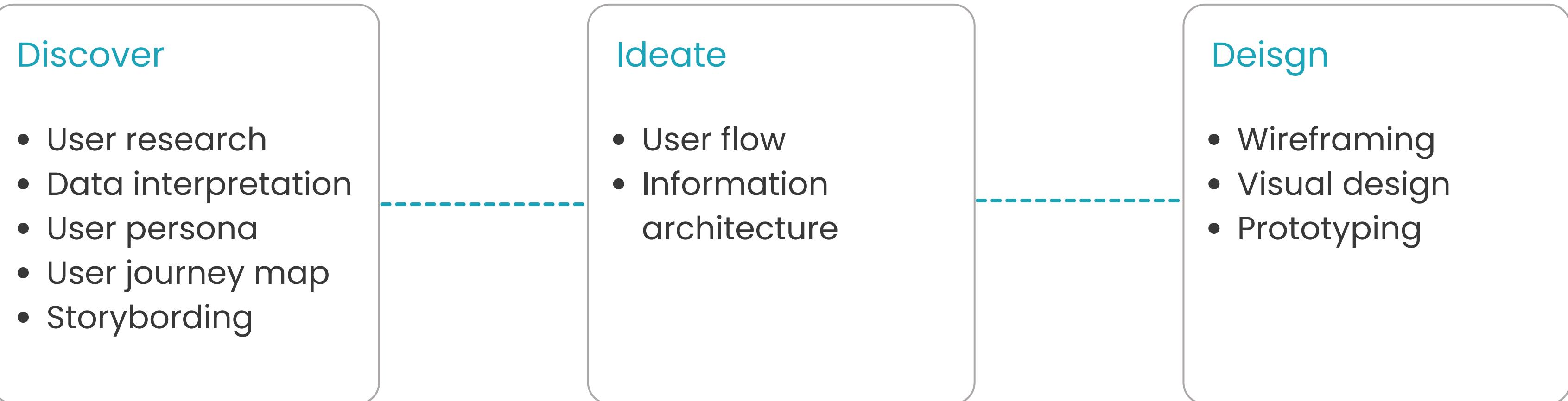
Parcha is a post medical consultation service whose purpose is to ease the process of prescription reading for the patient, and provide calculated diet according to the diagnosis.

Idea

This idea was developed out of real life situation when I recently visited to a doctor's clinic for a viral checkup. The name of the medicines he wrote in the prescription was totally un-readable, and also after I came home I usually forget about the medication schedule the doctor mentioned and wrote on the prescription.



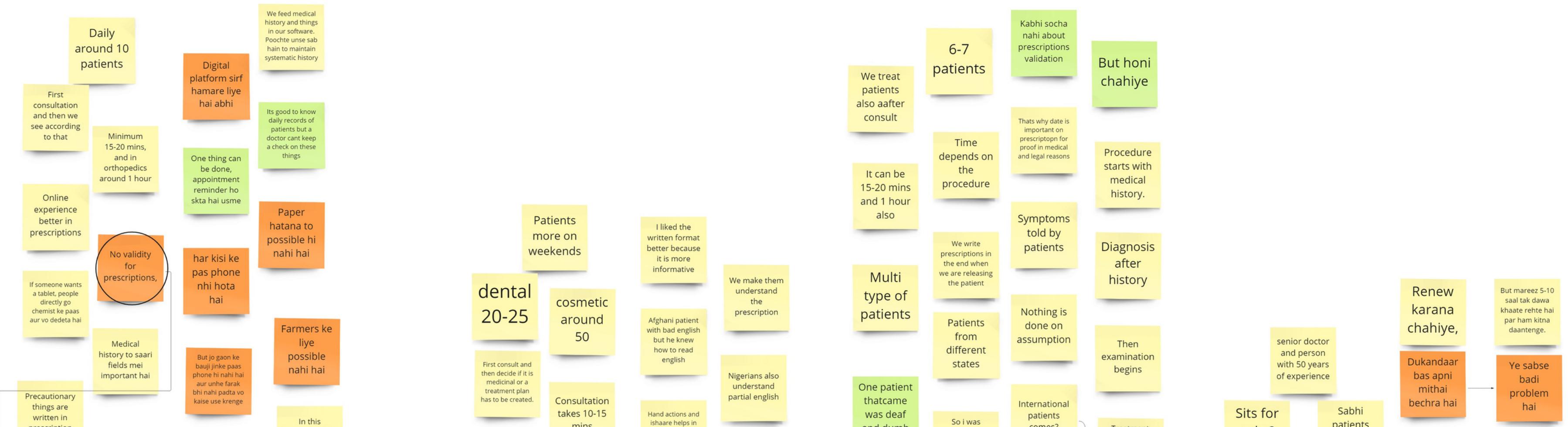
User-centered Design Process

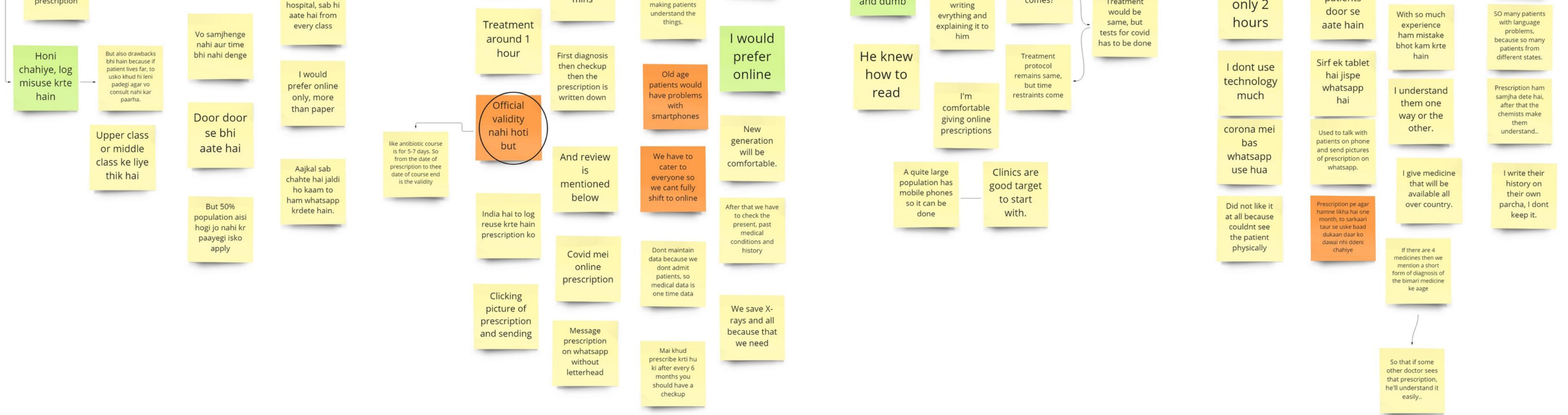


User Research

Qualitative research(Personal interview)

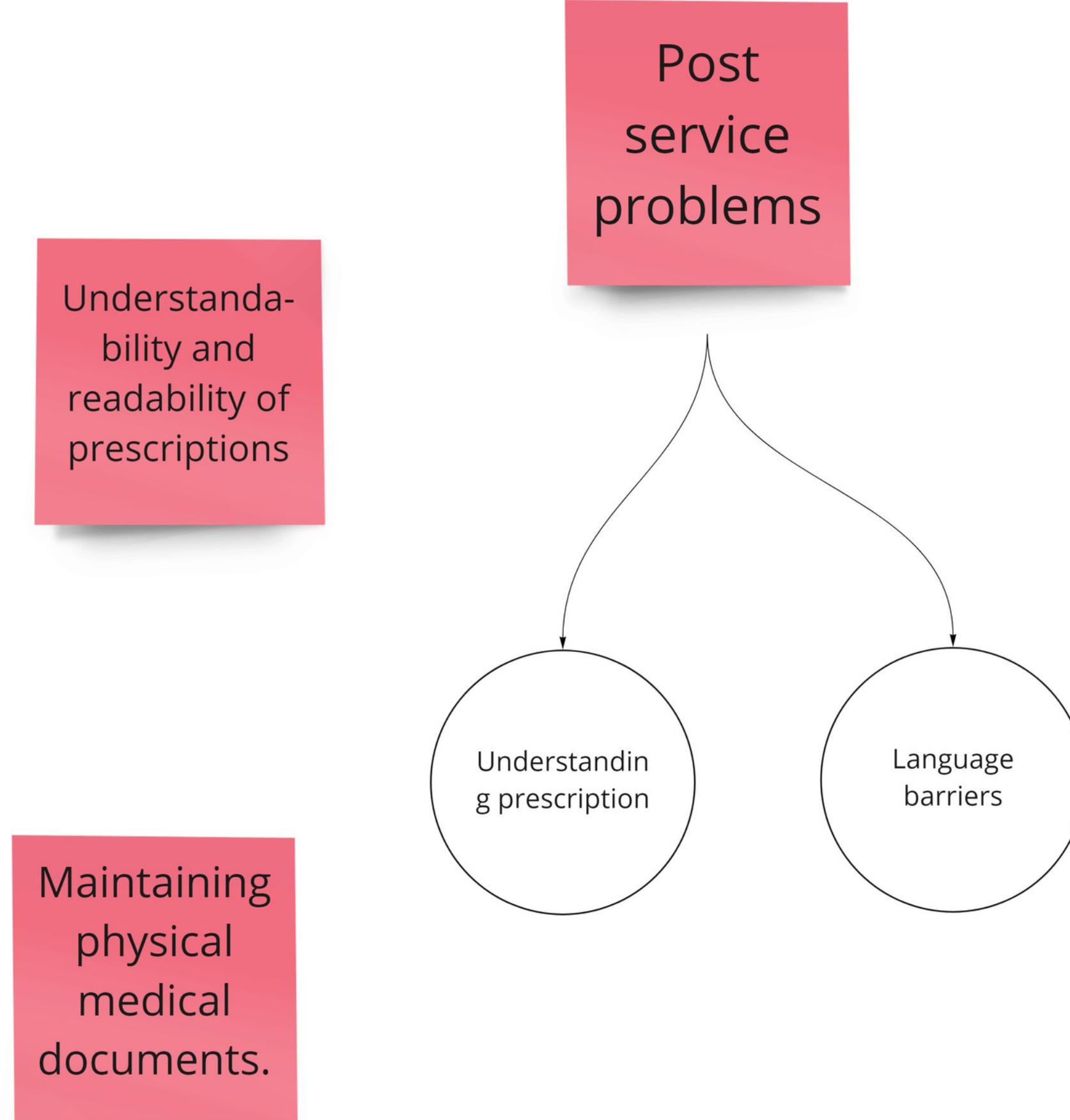
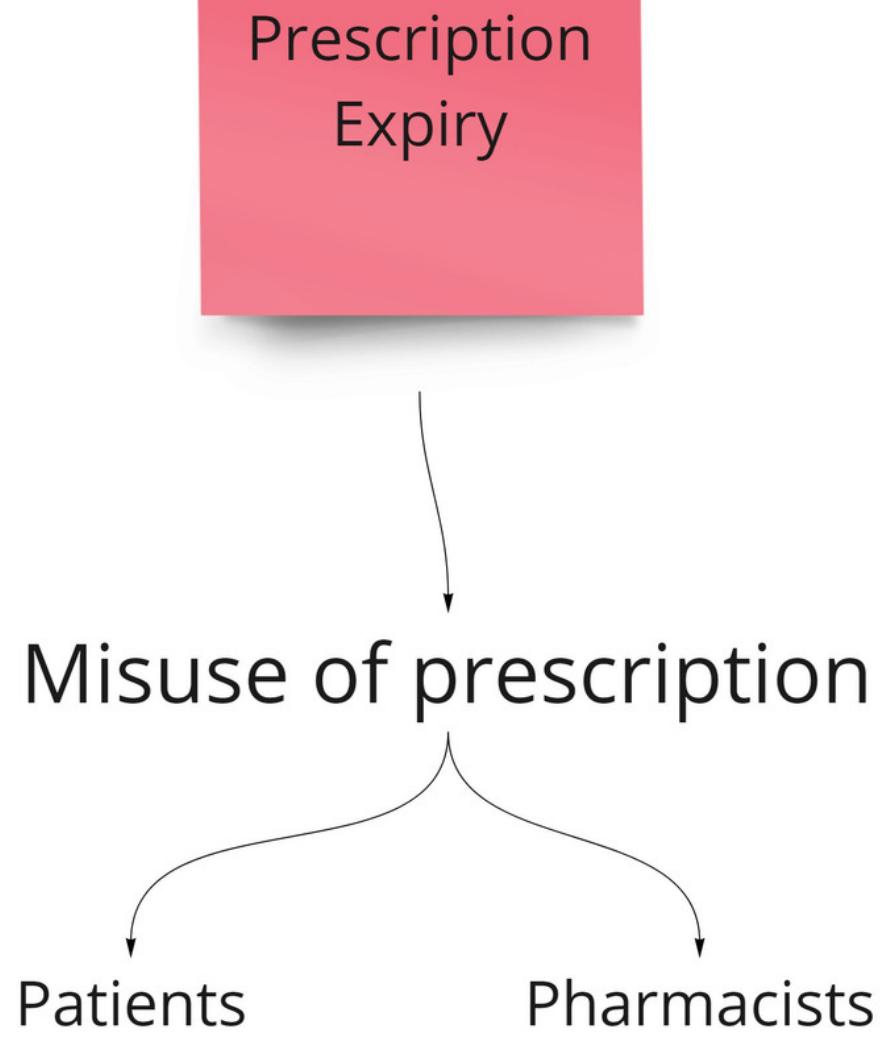
I conducted multiple 1 on 1 interviews for each profile that is 'Healthcare Provider' and 'Patients' to get insights.





Problems Extracted

Through data interpretation



Dietary problems in illness

Patient Personas

Deepika Sharma



AGE	24
OCCUPATION	MBA -Finance Student
STATUS	Single
LOCATION	New Delhi
TECH COMFORT	5/5

“ I’m a hard worker, but not working smart makes you useless. ”

Brief story

Deepika is a MBA student with a passion of working in finance. But her health often holds her back from working. Unfortunately she has to get frequent checkups at clinics which takes up most of her time.

Goals

- To get treated on time.
- Give 100% of creative and productive input in her job.
- To easily read prescriptions on the go.
- To eat healthy food in time of illness.

Frustrations

- Very difficult to maintain records, because of frequent clinic visits.
- Difficult to understand prescriptions.
- Have to carry test reports everywhere.
- In the time of illness, don't know what to eat and what to avoid which leads to bad reaction with medicines.

Sanjay Gupta



AGE	52
OCCUPATION	Businessman
STATUS	Married
LOCATION	Jaipur, Rajasthan

“ In my line of work, honesty is good money. ”

Brief story

Sanjay is a businessman who caters to his joint family of 12 people. Most of his time goes into work and because of that he undergoes stress and fatigue. He has a habit of getting regular medical checkups of his and his family. Because of such a big family has has delegated the duty of book keeping of their medical records to his eldest daughter so that he himself won't have to invest time in that.

Goals

- Get monthly health checkups
- Manage time for family.
- Maintain his own health to take care of his family.
- Keep prescriptions handy and quick to read

Frustrations

- Physically storing medical prescriptions of the whole family.
- Timely appointments for so many people.
- Understanding prescriptions after coming back from the doctor's.
- Remembering when to give and take medicine.

Dr. Soumya



“ To become a good surgeon, one should become a good person first. ”

Brief story

Soumya is a Cosmetic Surgeon, treating people with morales and respect. She loves her work and soes it with great passion. She is a curious person that is always open to new tech in the market. Frustrated about the old ways of recording medical documents makes her open to new solutions for her problems in the market.

AGE	27
OCCUPATION	MBBS, M.D. Cosmetic Surgeon
STATUS	Single
LOCATION	New Delhi

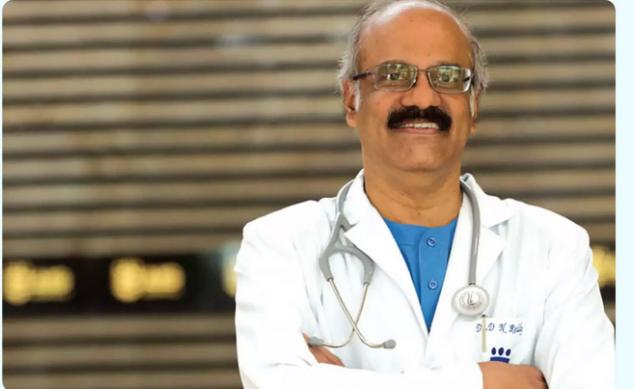
Goals

- Recording medical history
- Diagnose the patient
- Prescribe medication if needed
- Suggest further steps to nbe taken

Frustrations

- Physically storing medical documents
- Give a validity to prescription
- Handwriting problem, complains from patients and pharmacists.

Dr. Narang



“ More the experience, lesser the errors. ”

Brief story

Dr. Narang is a highly experienced physician that has treated all types of patients in his career. He knows and have faced many problems and challenges at every step of treating of a patient. He knows the advantages and limitations of the current system that is being used by the mass.

AGE	64
OCCUPATION	General Physician
STATUS	Married
LOCATION	Greater Noida, UP

Goals

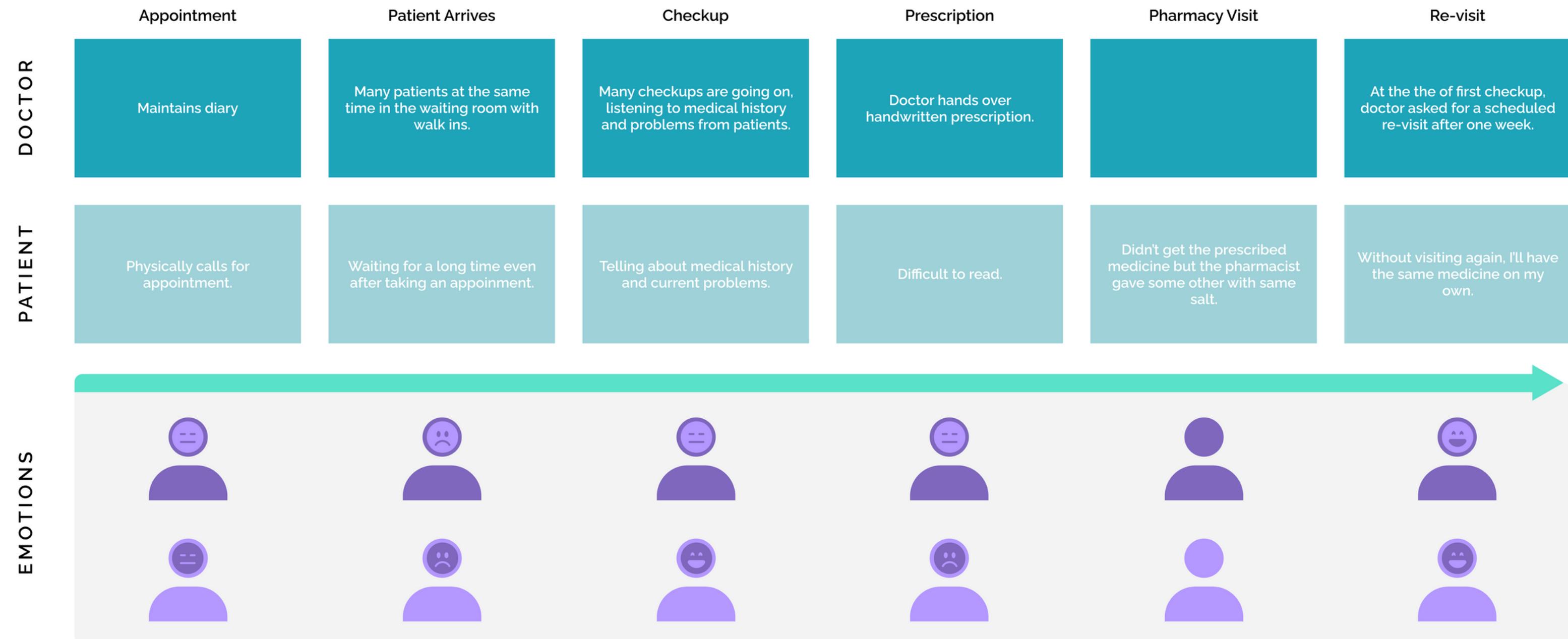
- Recording medical history
- Diagnose the patient
- Prescribe medication if needed
- Suggest further steps to be taken
- No errors to be given in prescriptions

Frustrations

- Physically storing medical documents
- Give a validity to prescription
- Difficult for patients to understand prescription after they have gone back home.

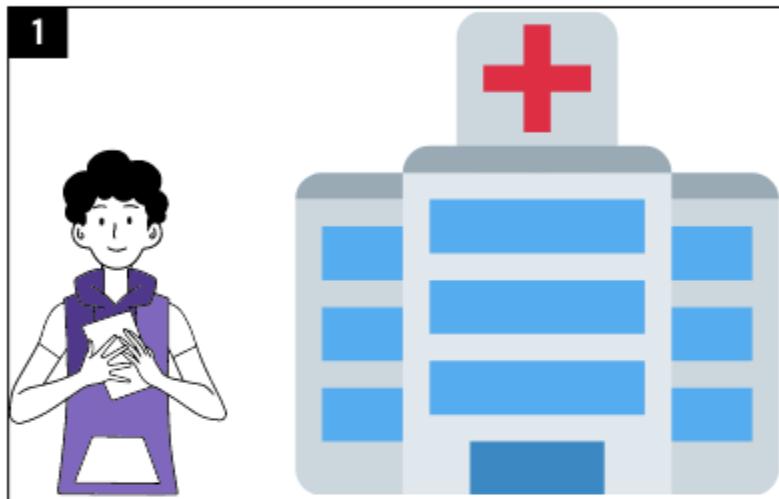
Doctor Personas

User Journey Map



User Storyboarding

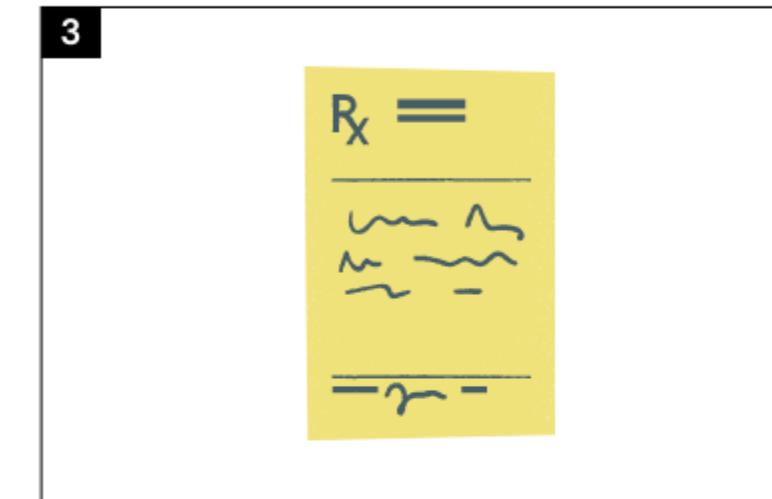
Storyboard



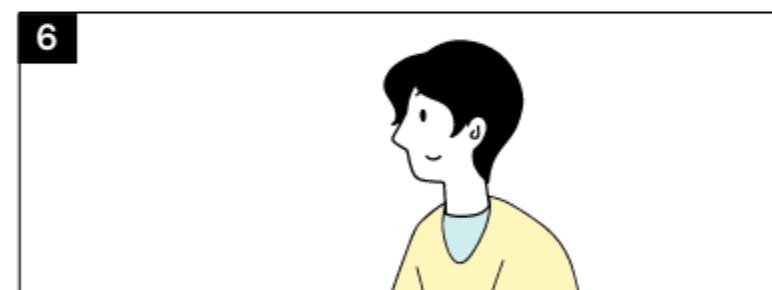
Scene: Got the prescription, now I can buy medicine for myself.

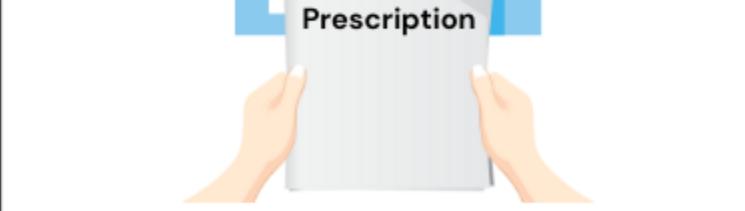


Scene: Going home



Scene: Can't understand a single word written on this. And I don't remember what the doctor told me.





Scene: He goes to his nearest pharmacy to get the medicine and ask for instructions.

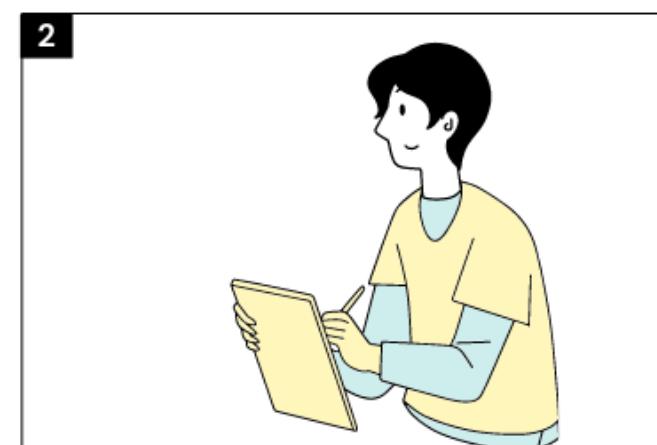
Scene: The pharmacist gives the medicines and verbally dictates the medicine schedule to him.

Shot size:
Scene:

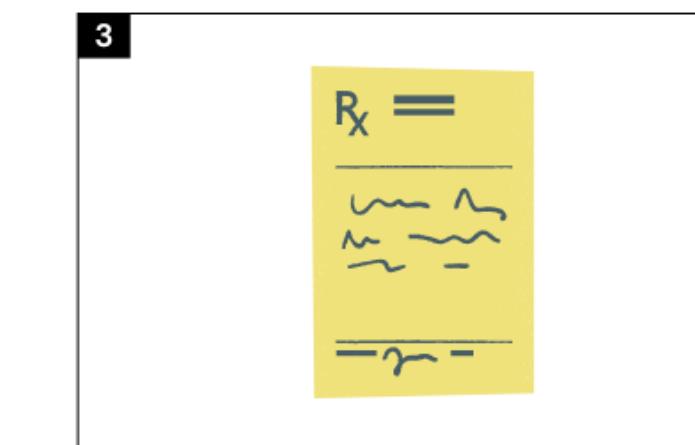
Storyboard-2



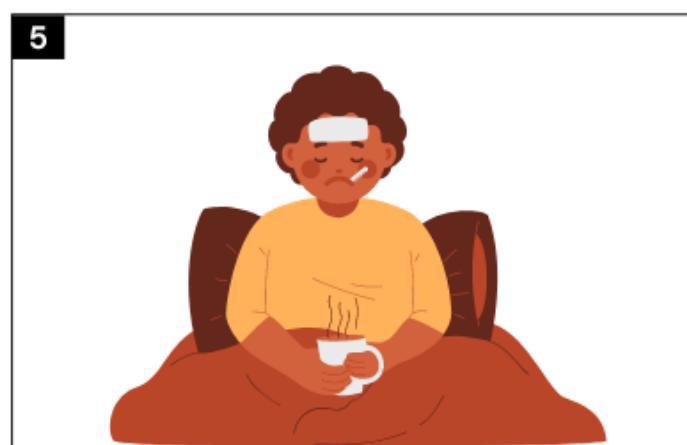
Scene: Gotta go for a checkup, I'm having a bad fever.



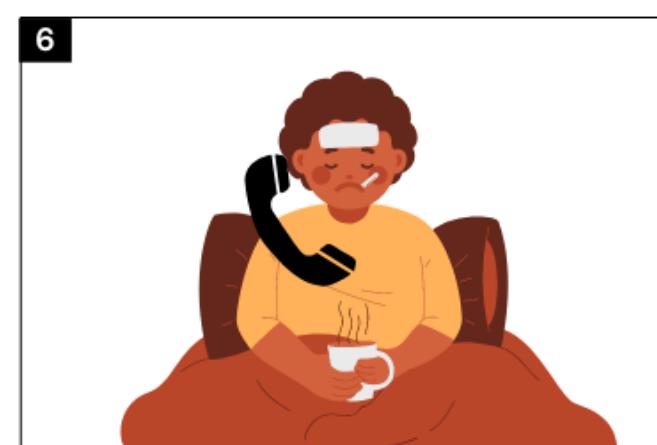
Scene: You're having a dengue fever that's why it wasn't going by normal medicines and that's why you're not able to digest properly.



Scene: Can't understand a single word written on this. And I don't remember what the doctor told me to take care about.



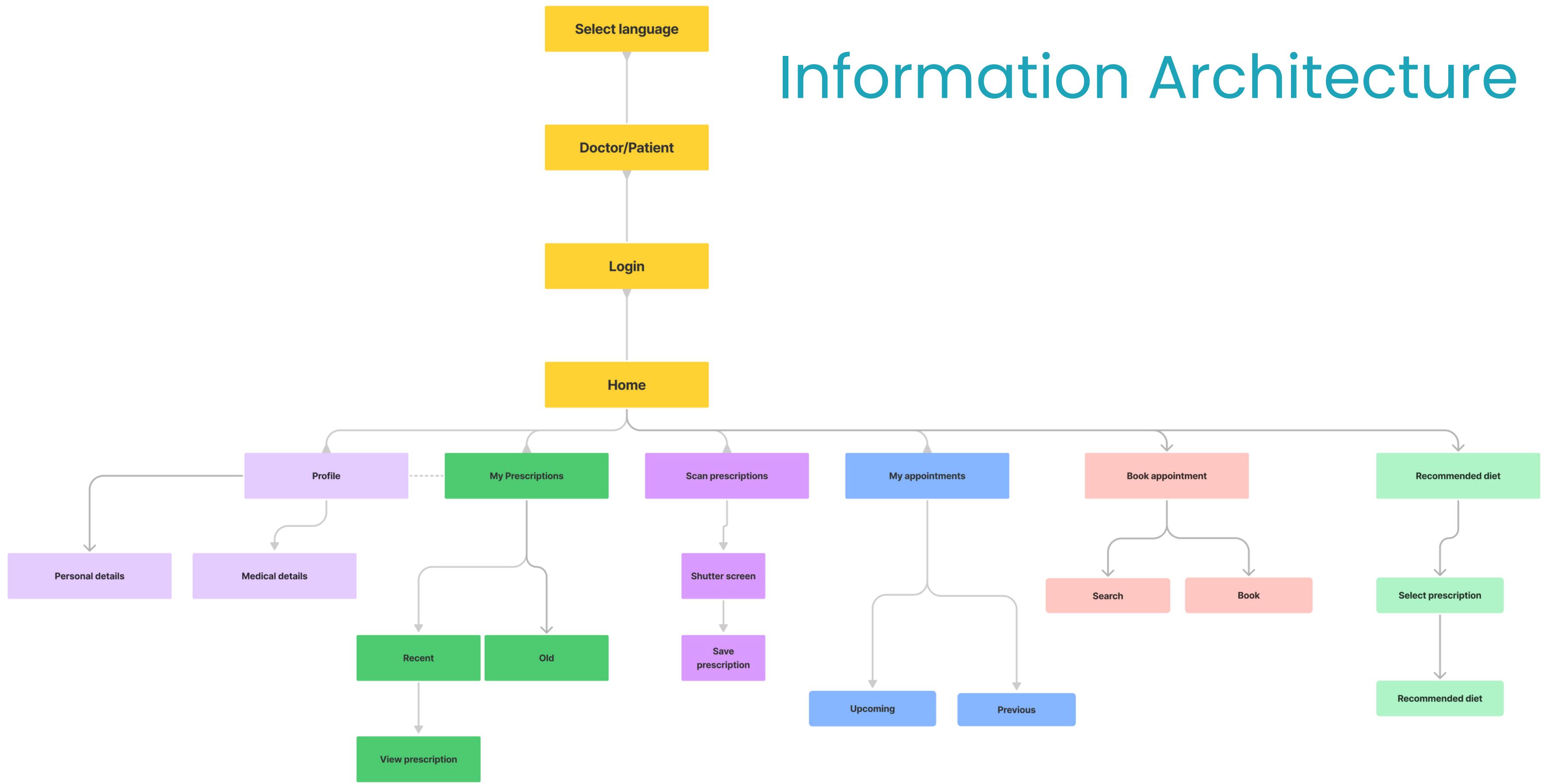
Scene: He tries home remedies, but they don't work because dengue doesn't have specific medicine or cure, only medicines are for fever and pain.



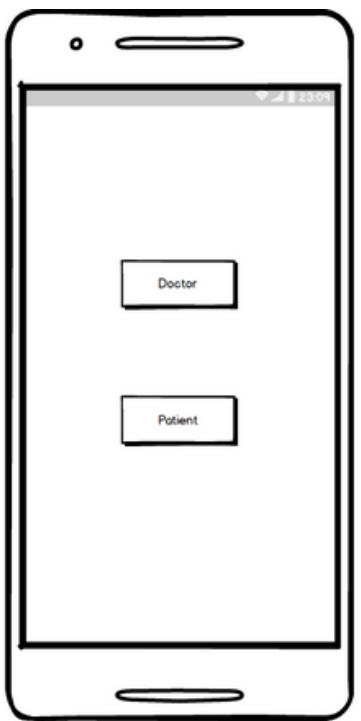
Scene: He tries calling his relatives for advice and check internet for suggestions but, everyone gives different opinions.



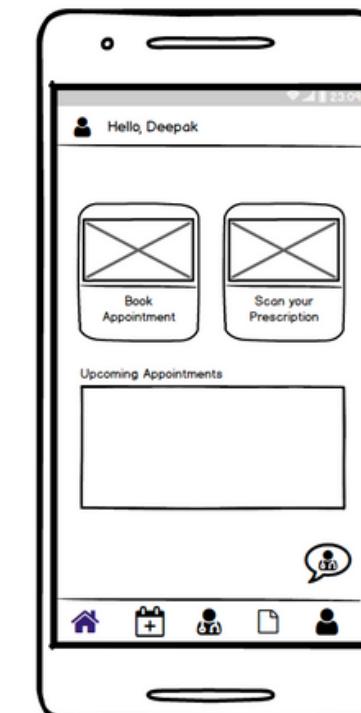
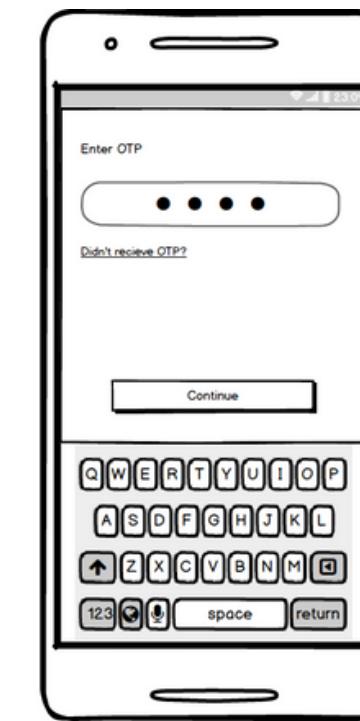
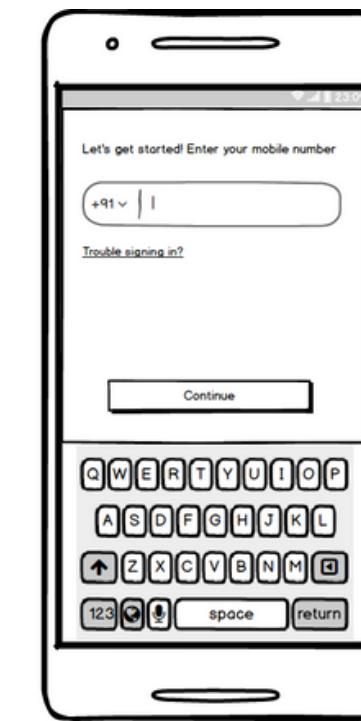
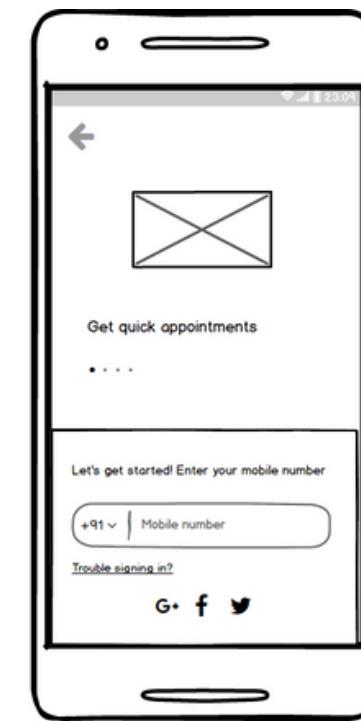
Information Architecture



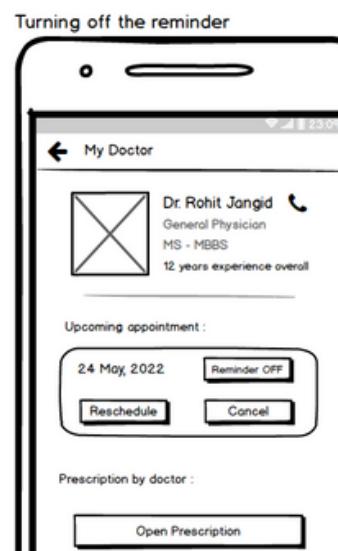
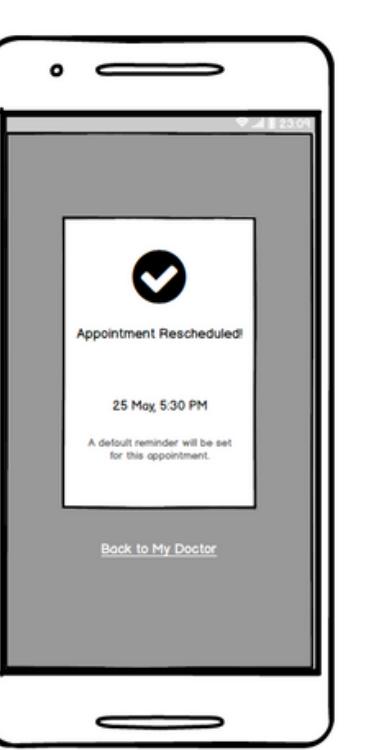
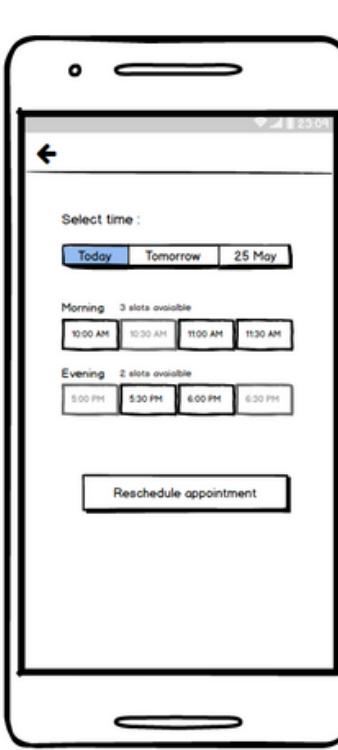
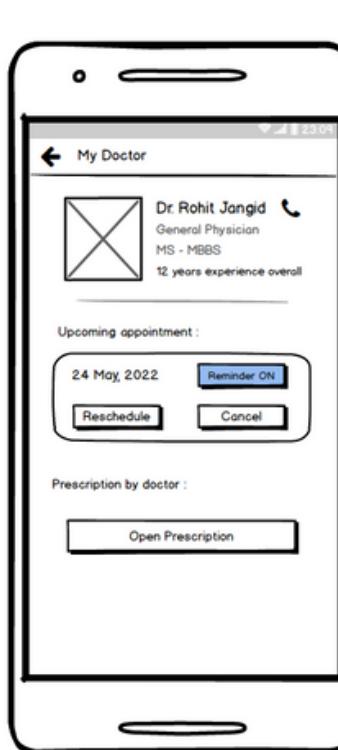
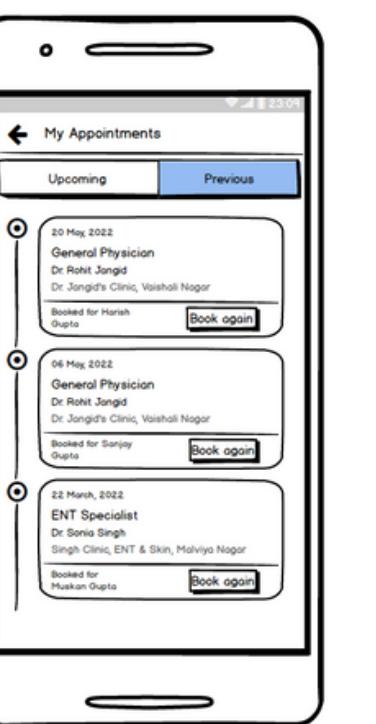
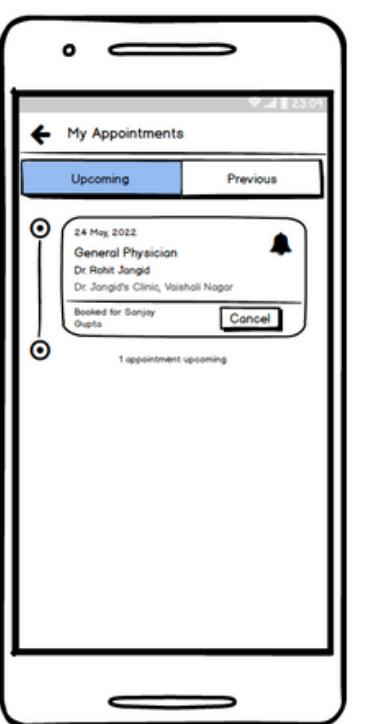
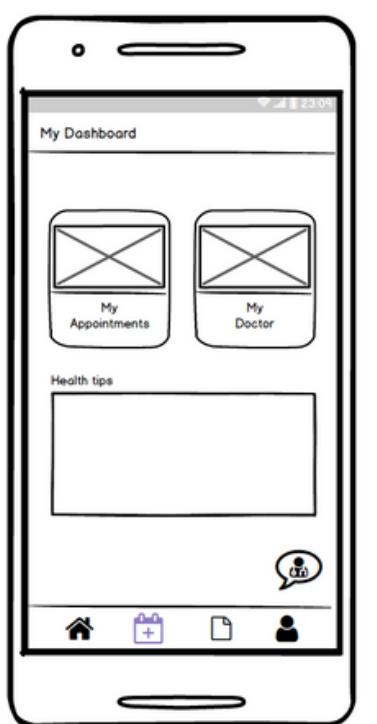
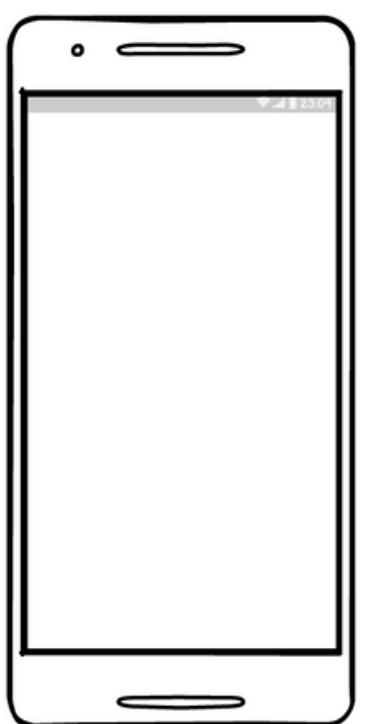
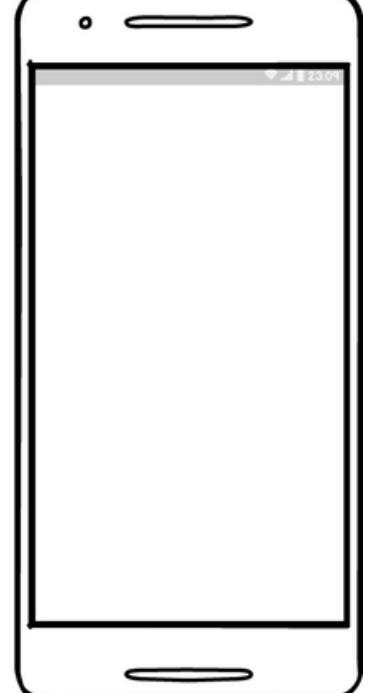
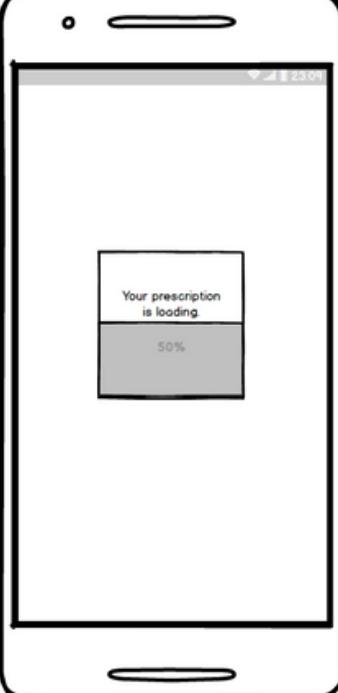
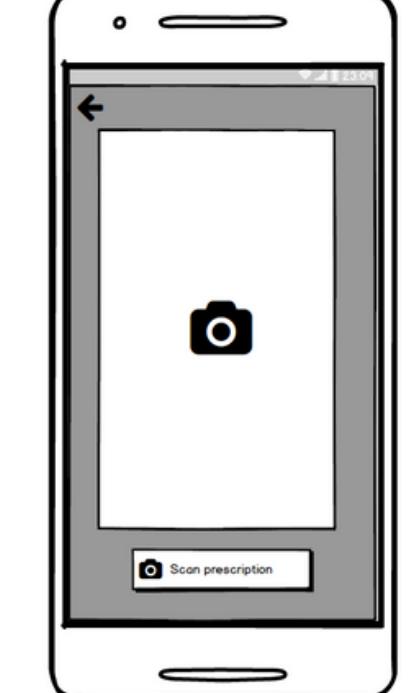
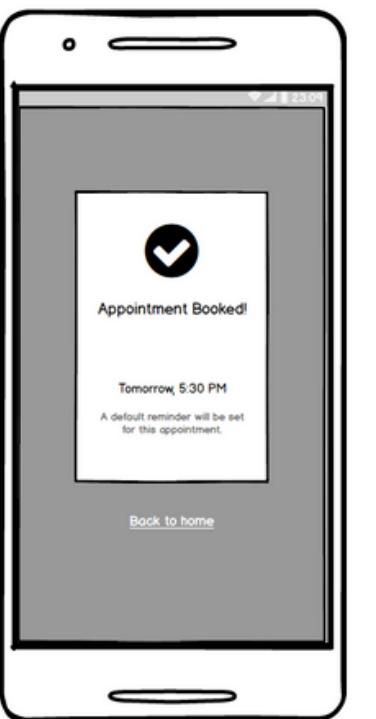
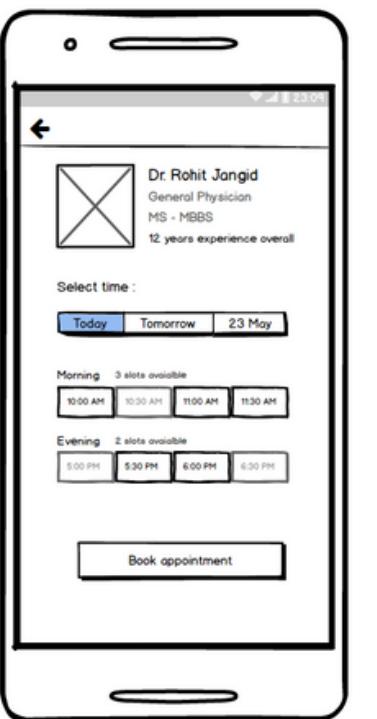
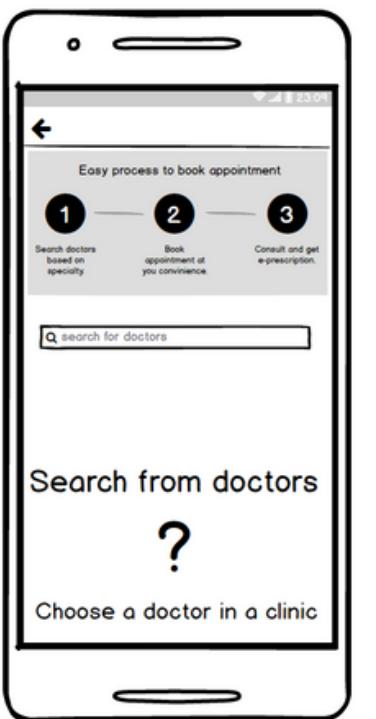
Lo-Fidelity Wireframes



PATIENT SIDED

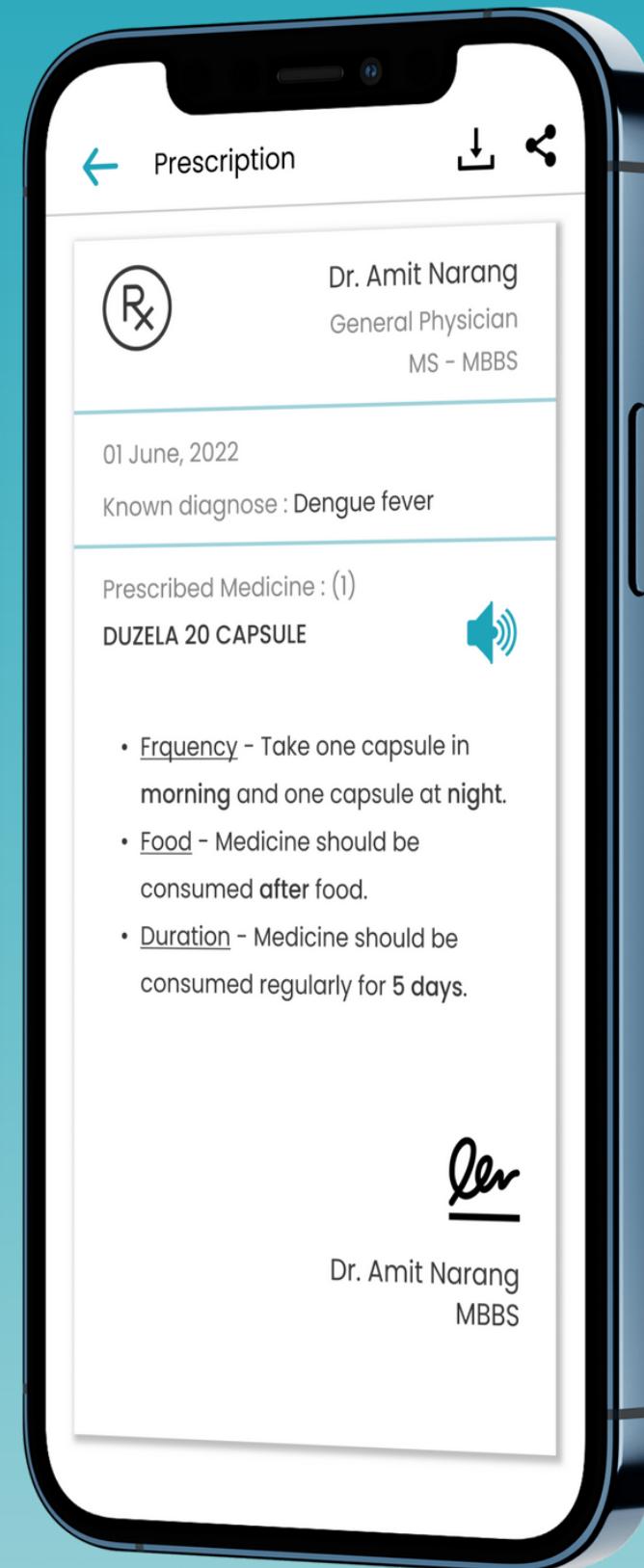
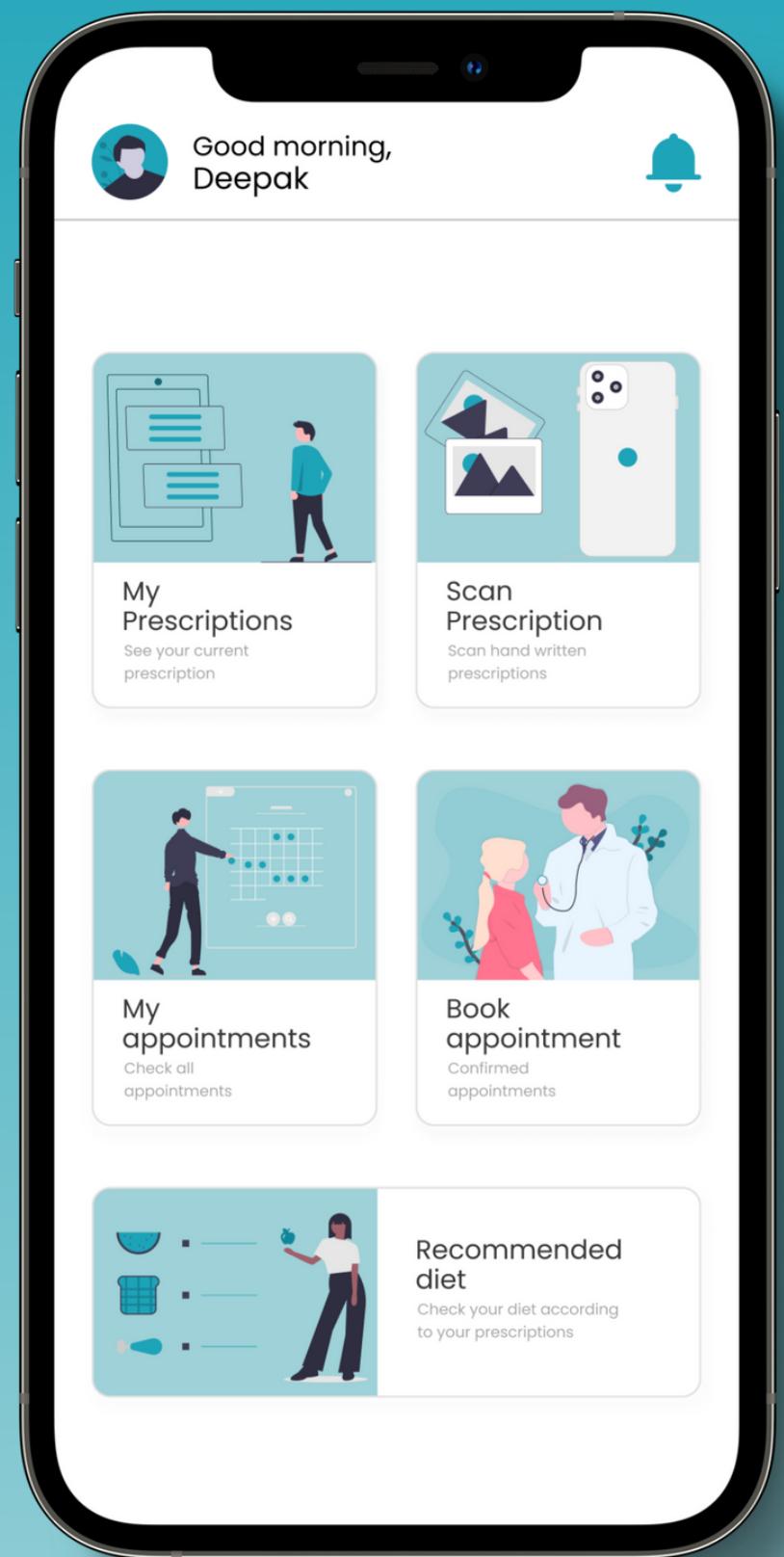
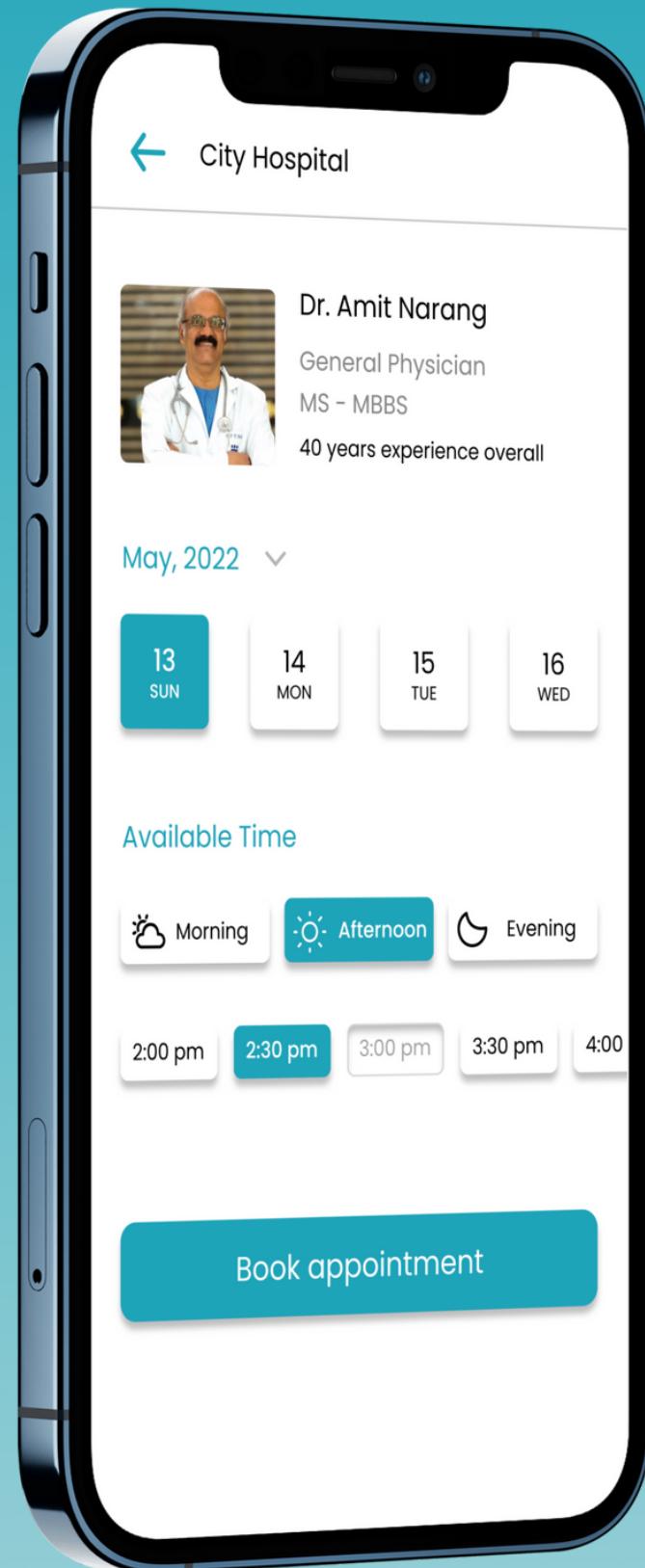


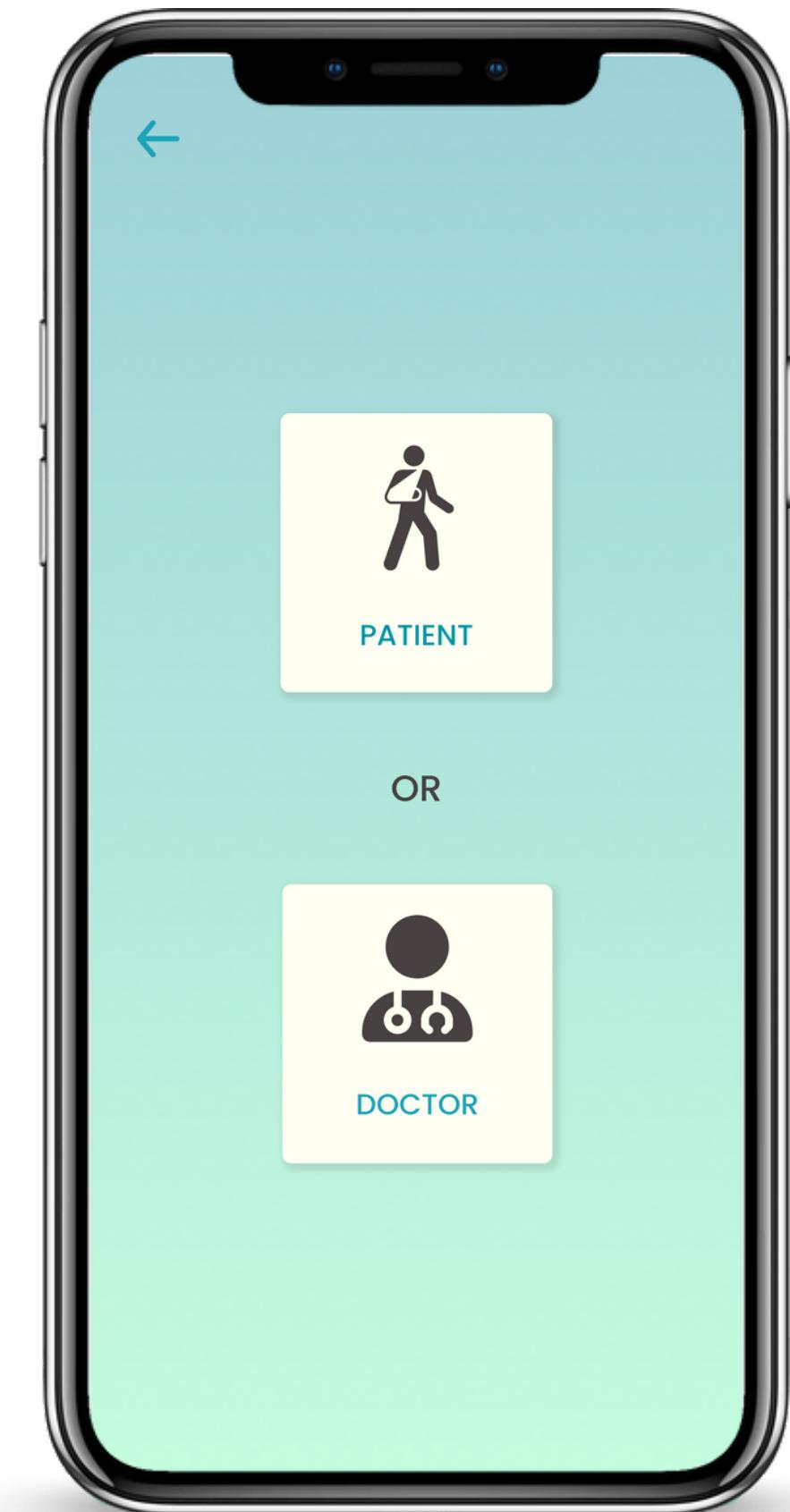
Scan Prescription

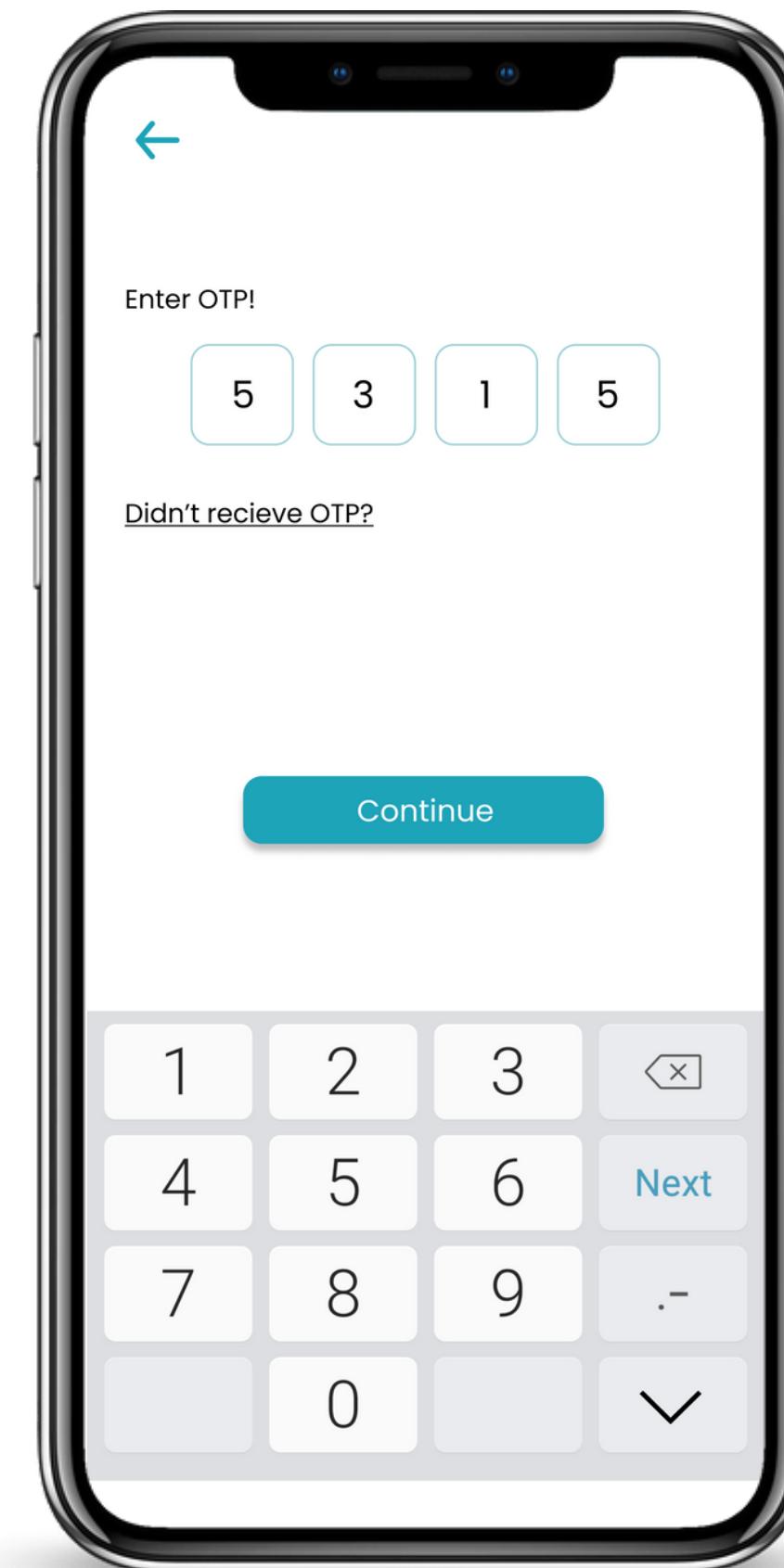
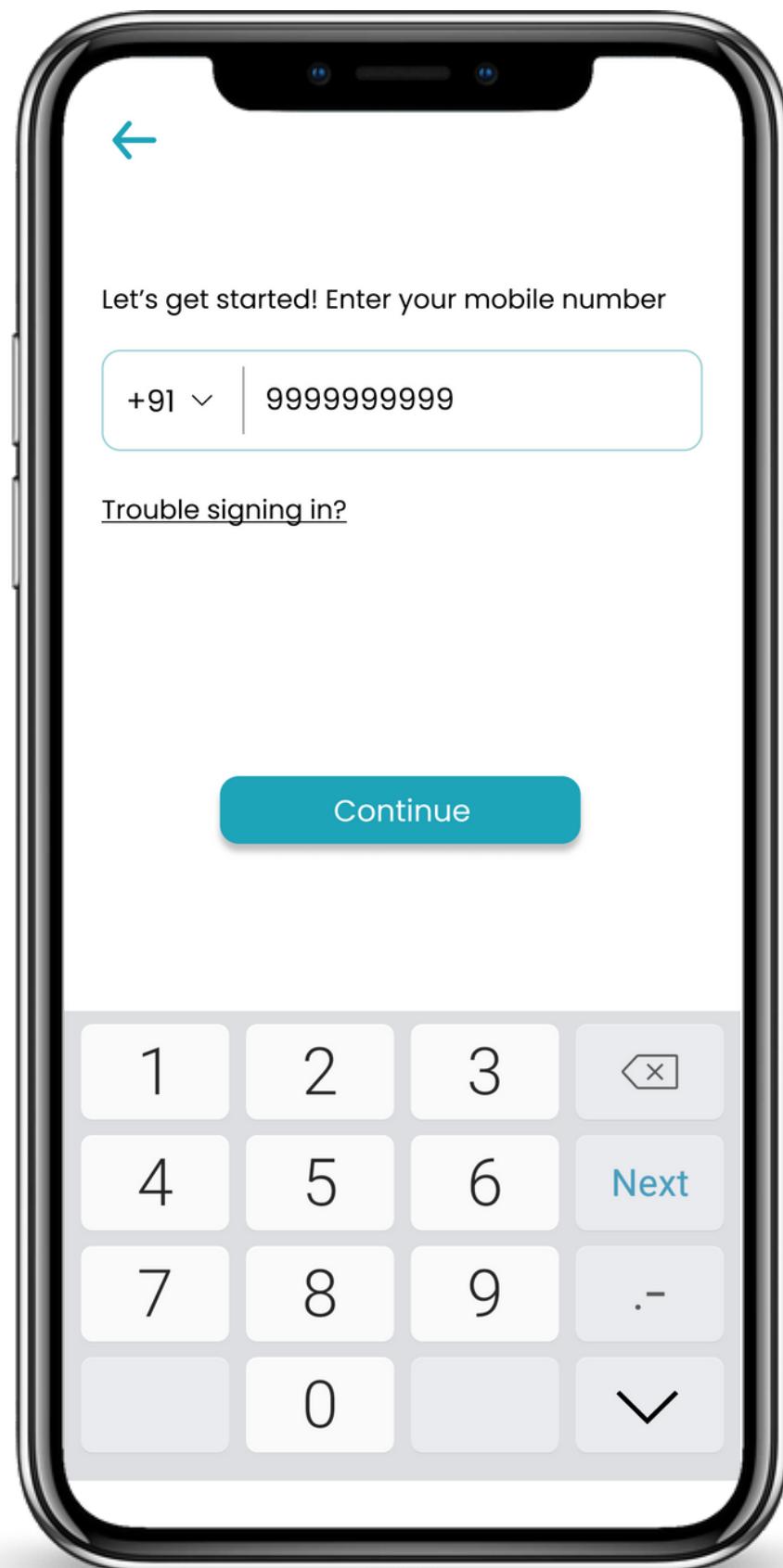
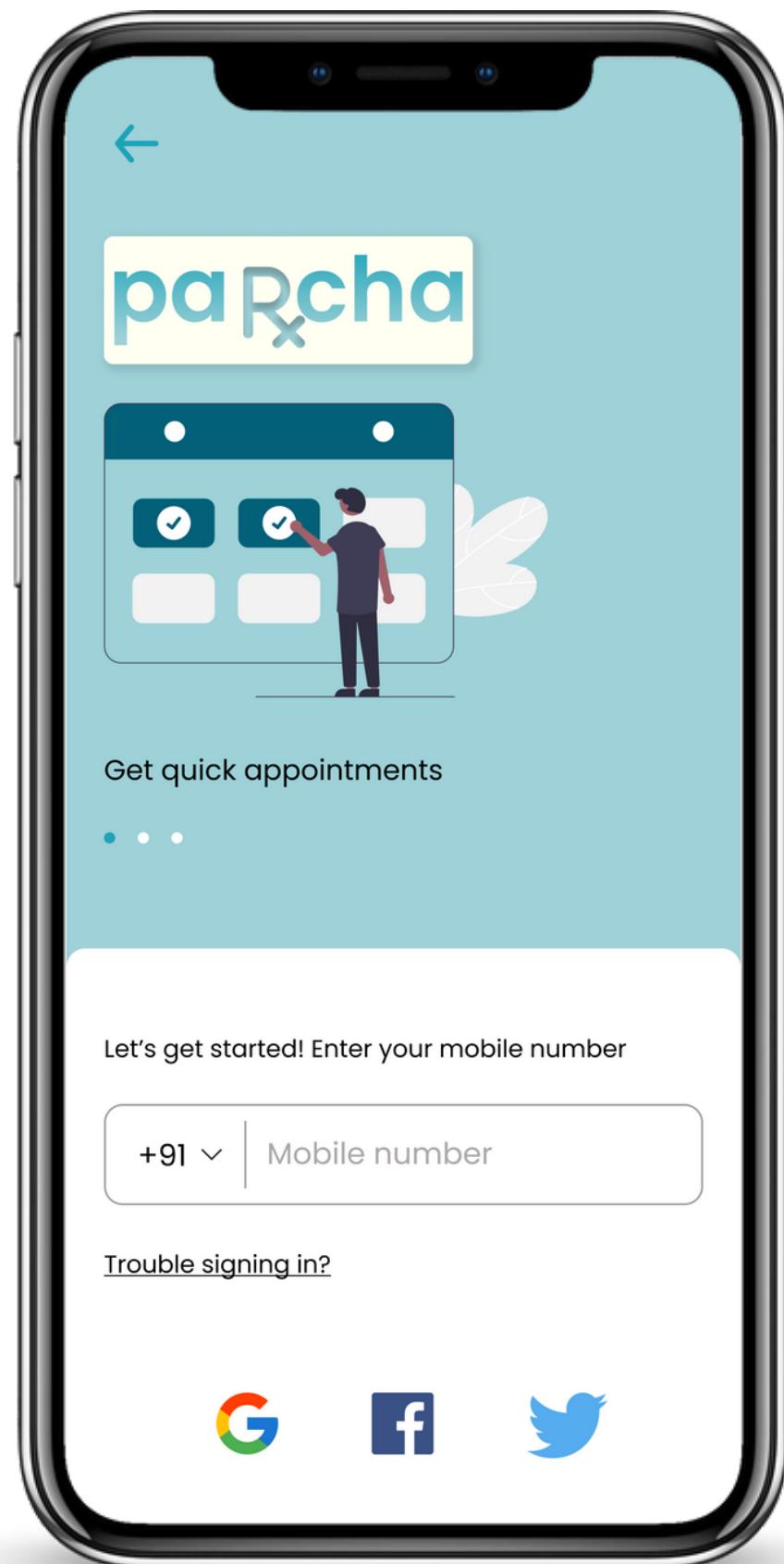


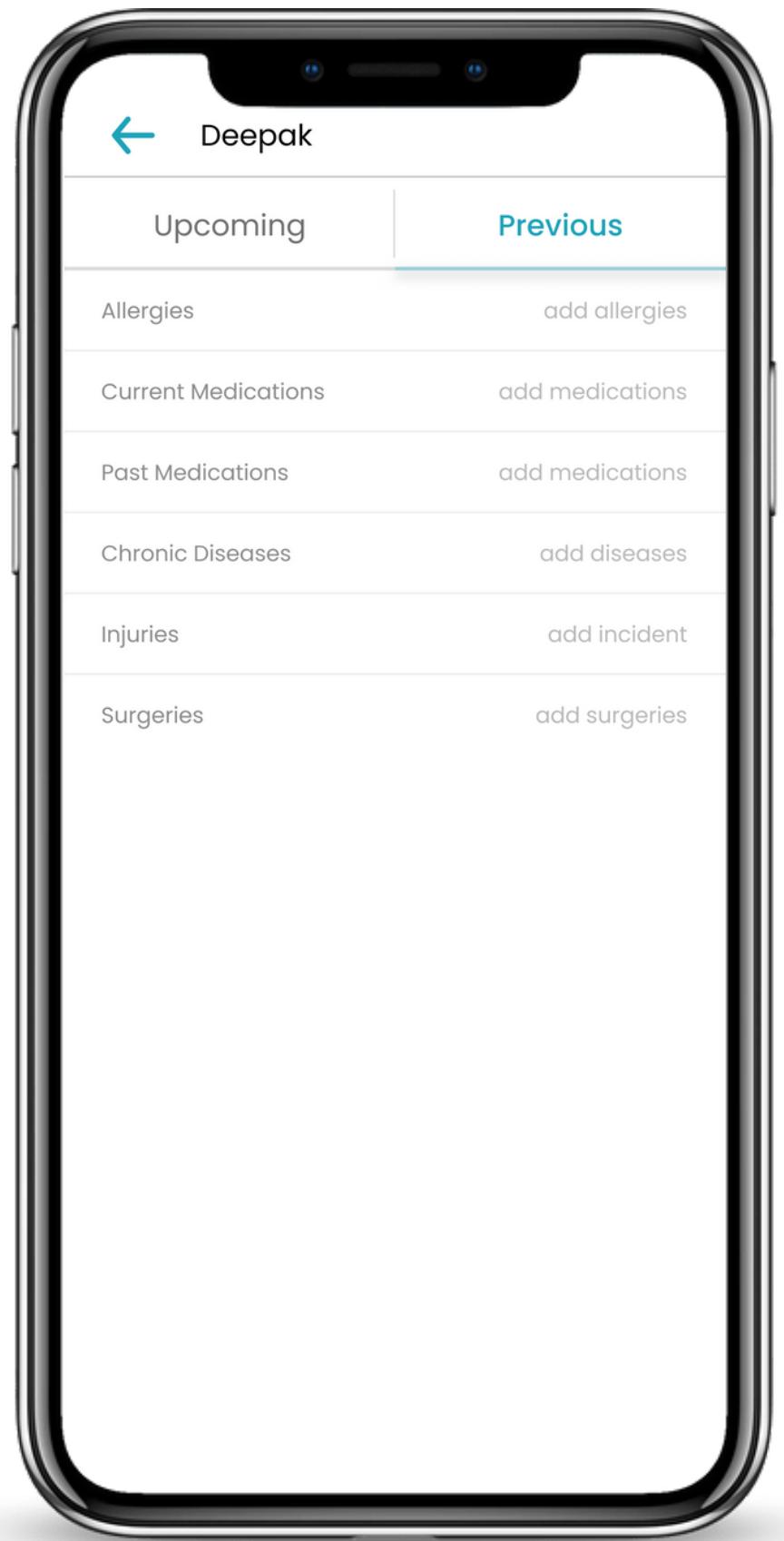
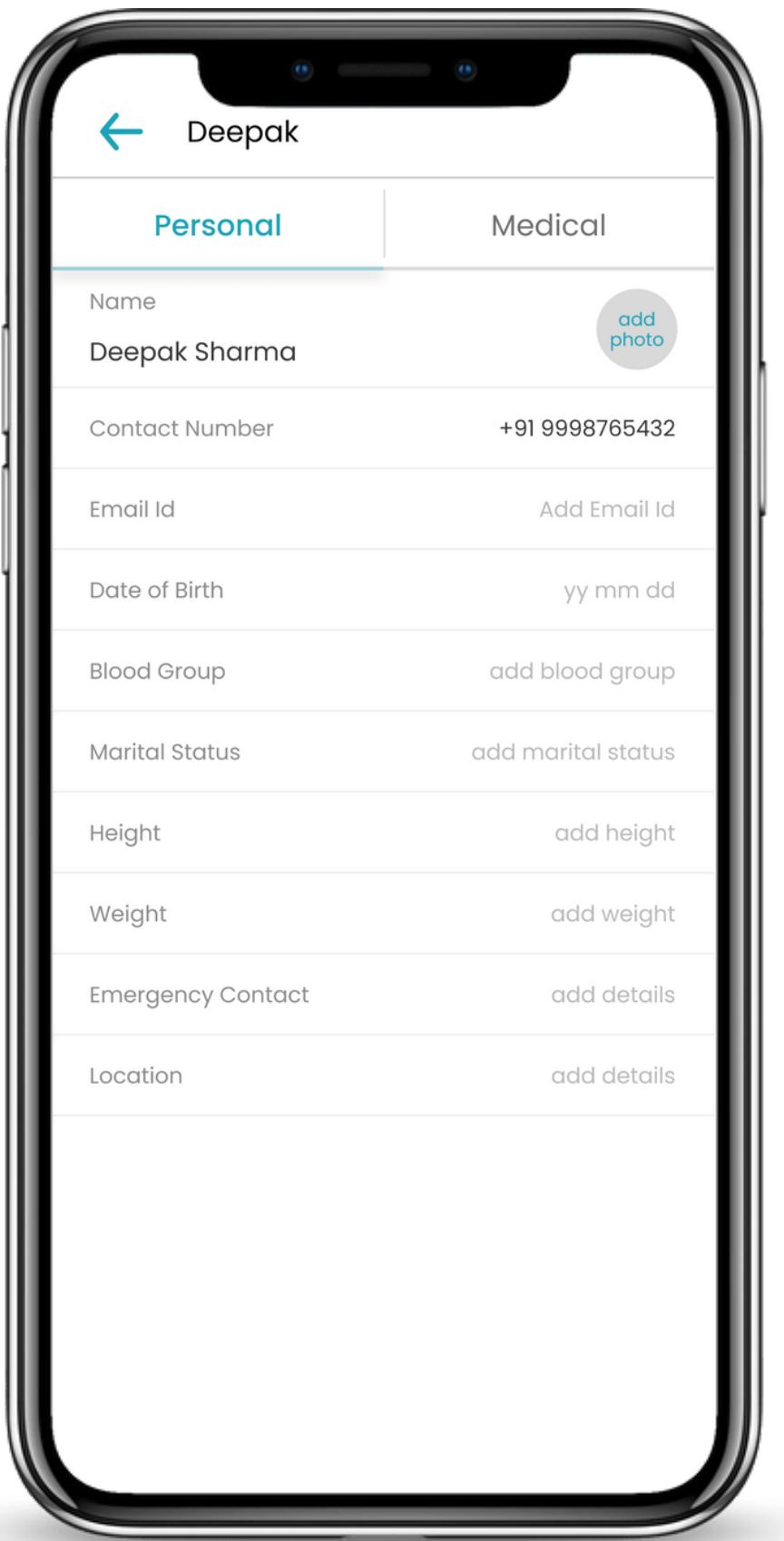
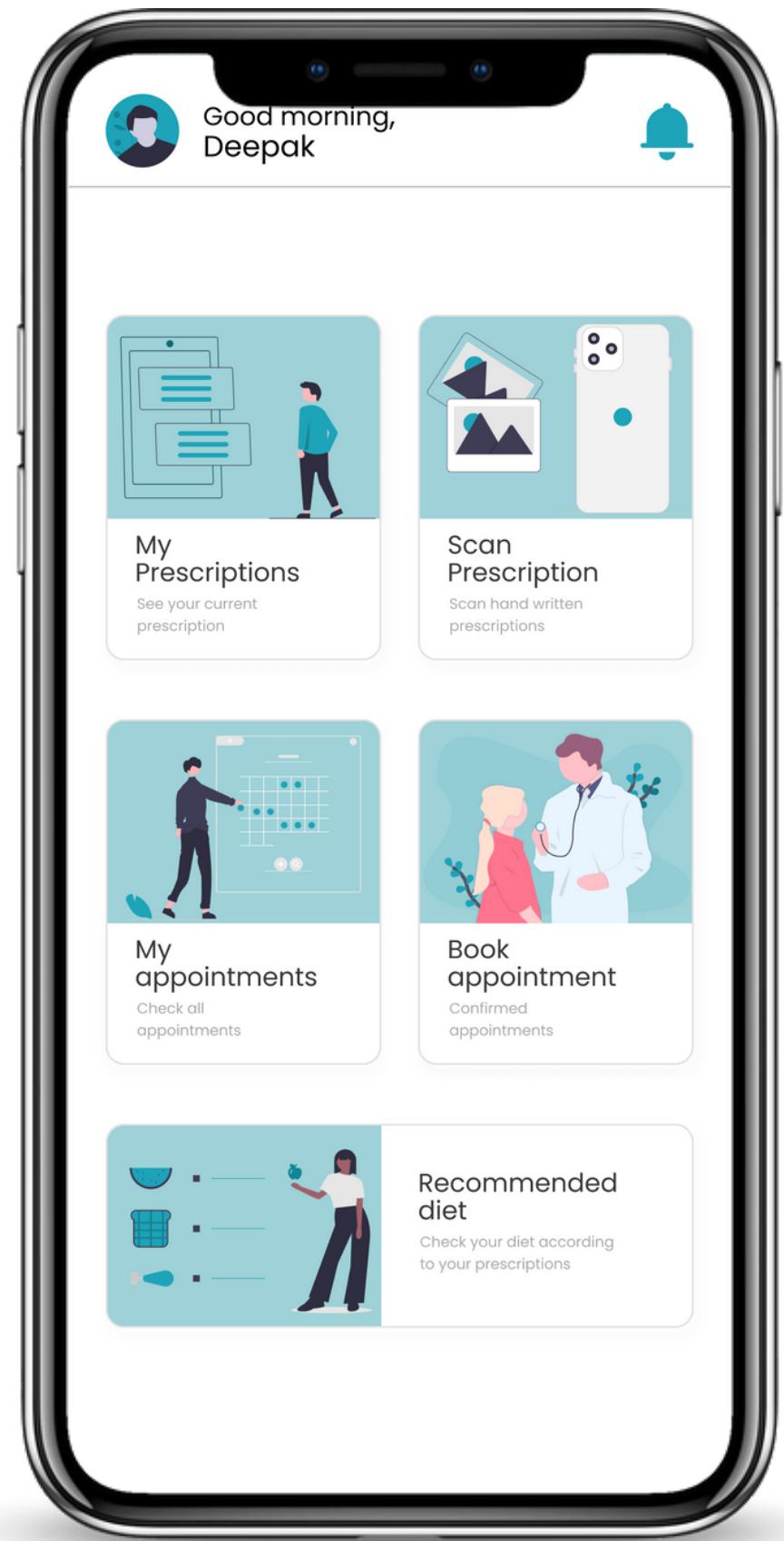


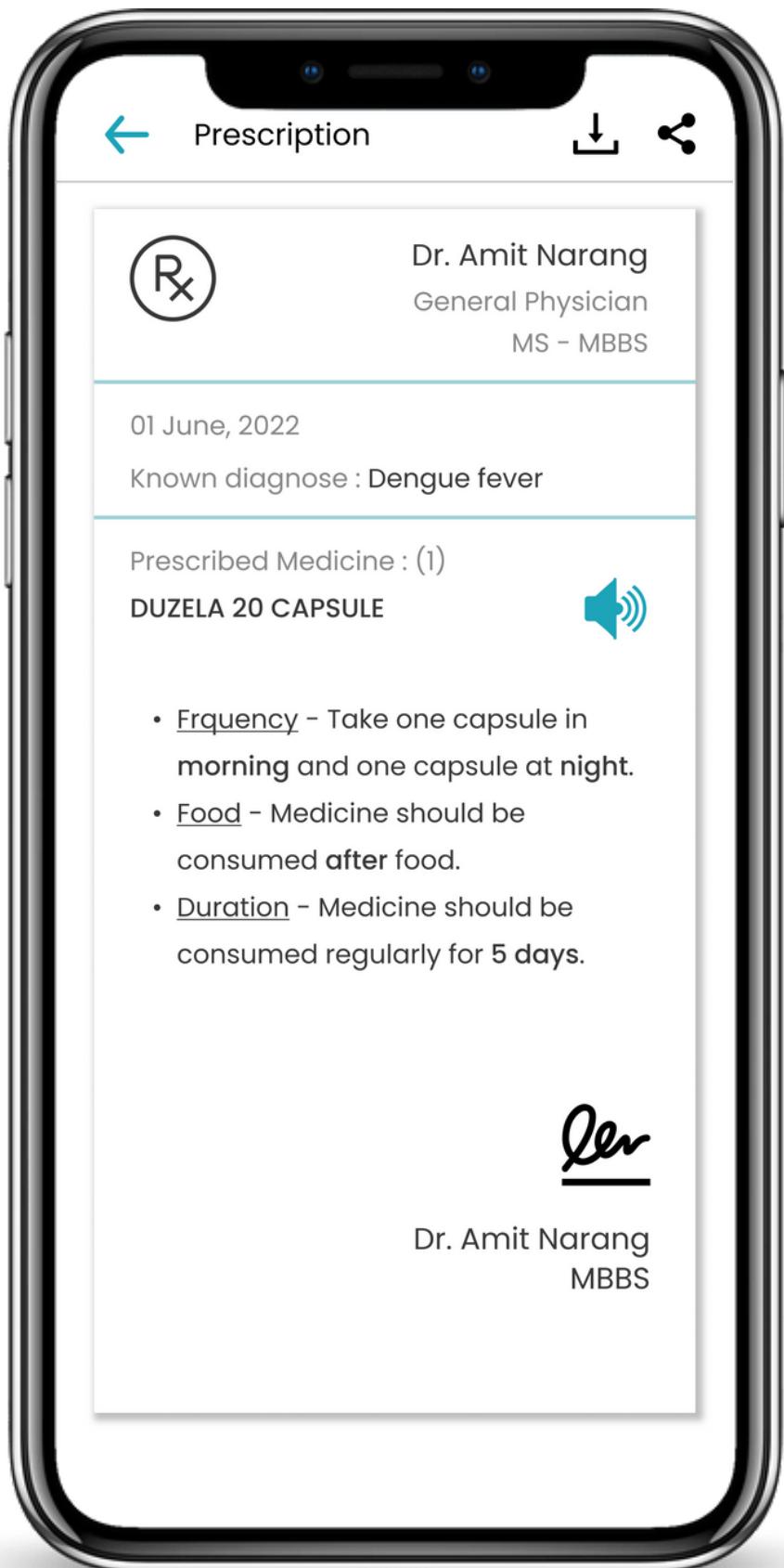
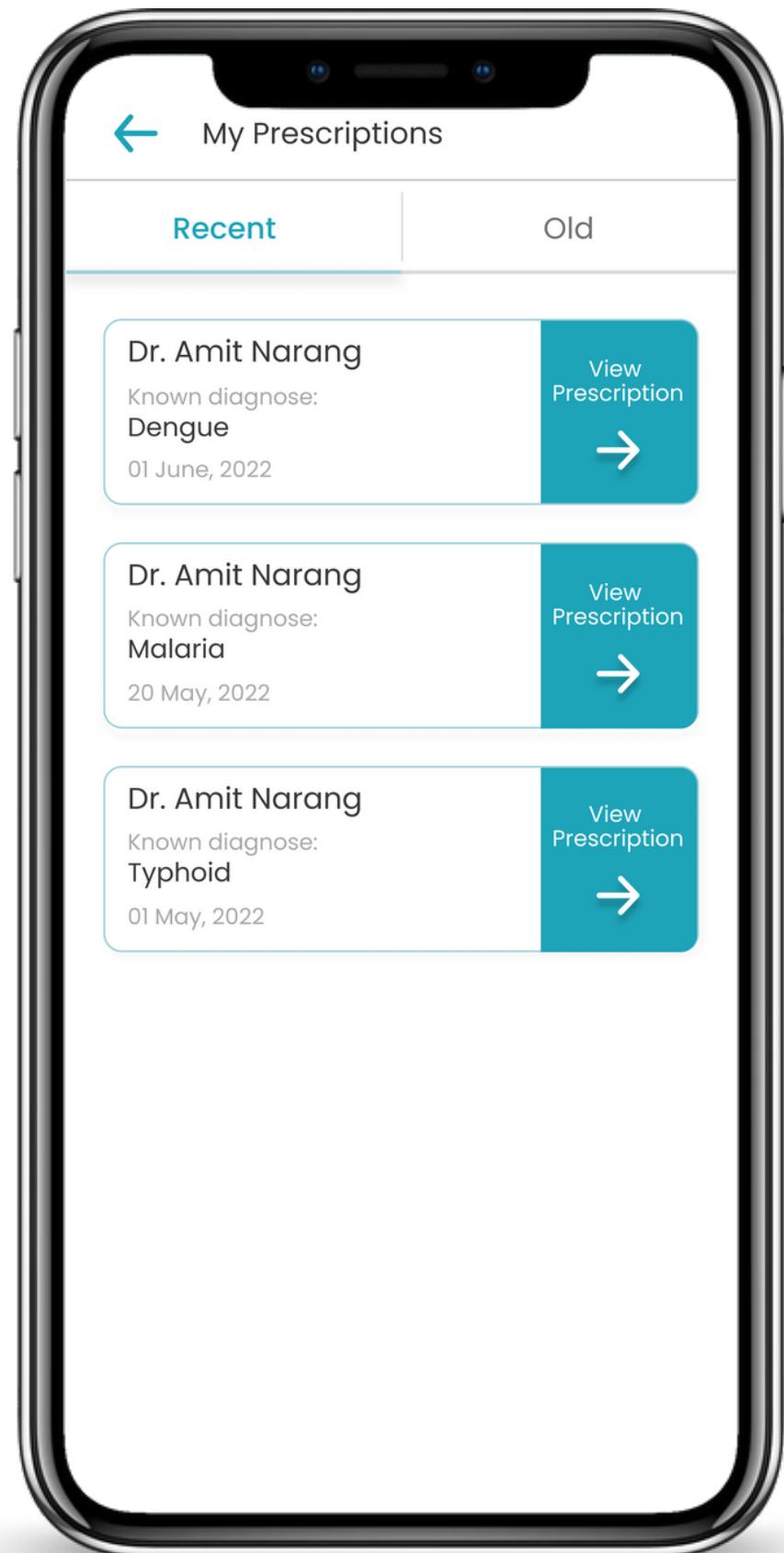
Visual Designs



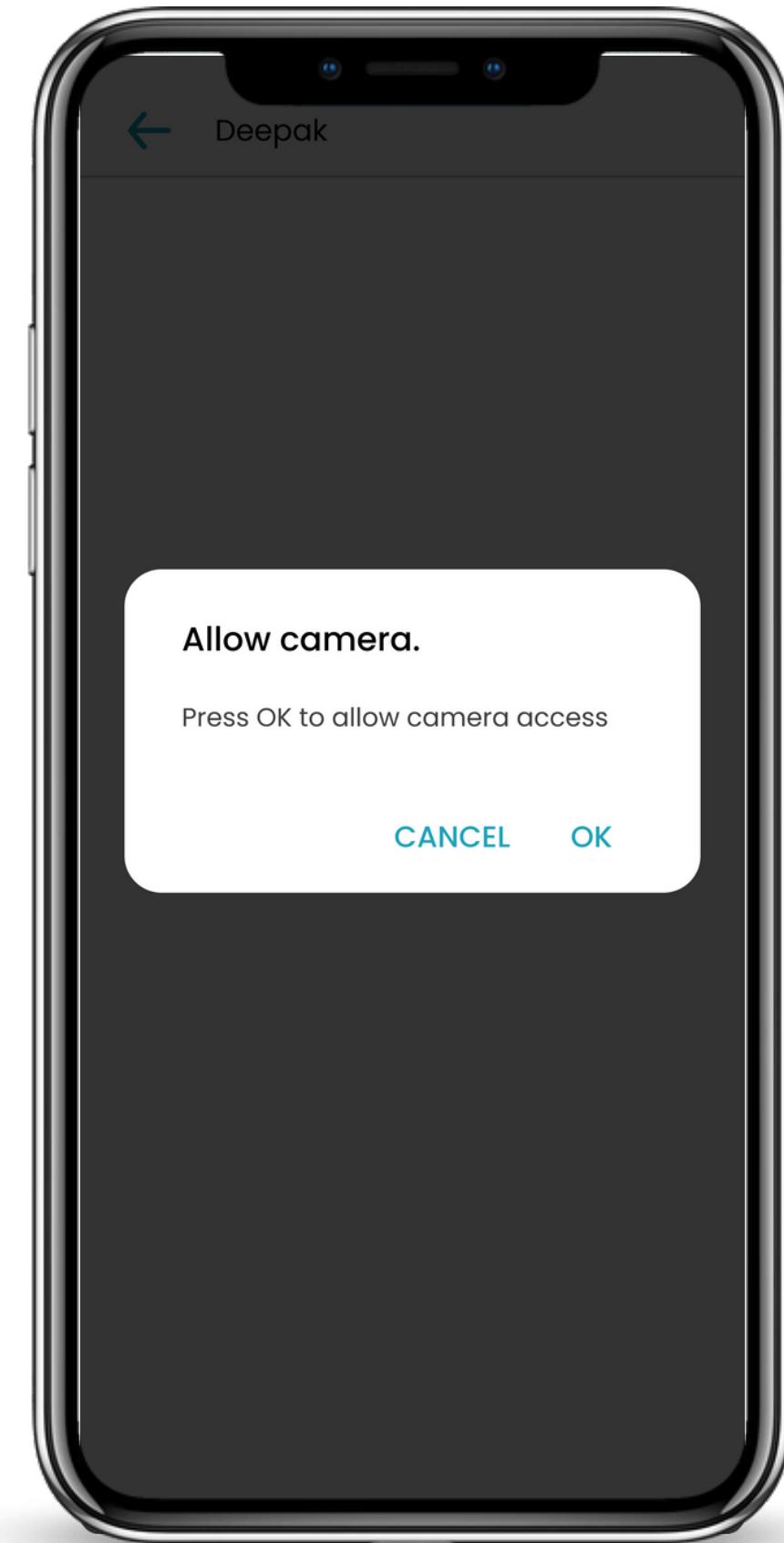


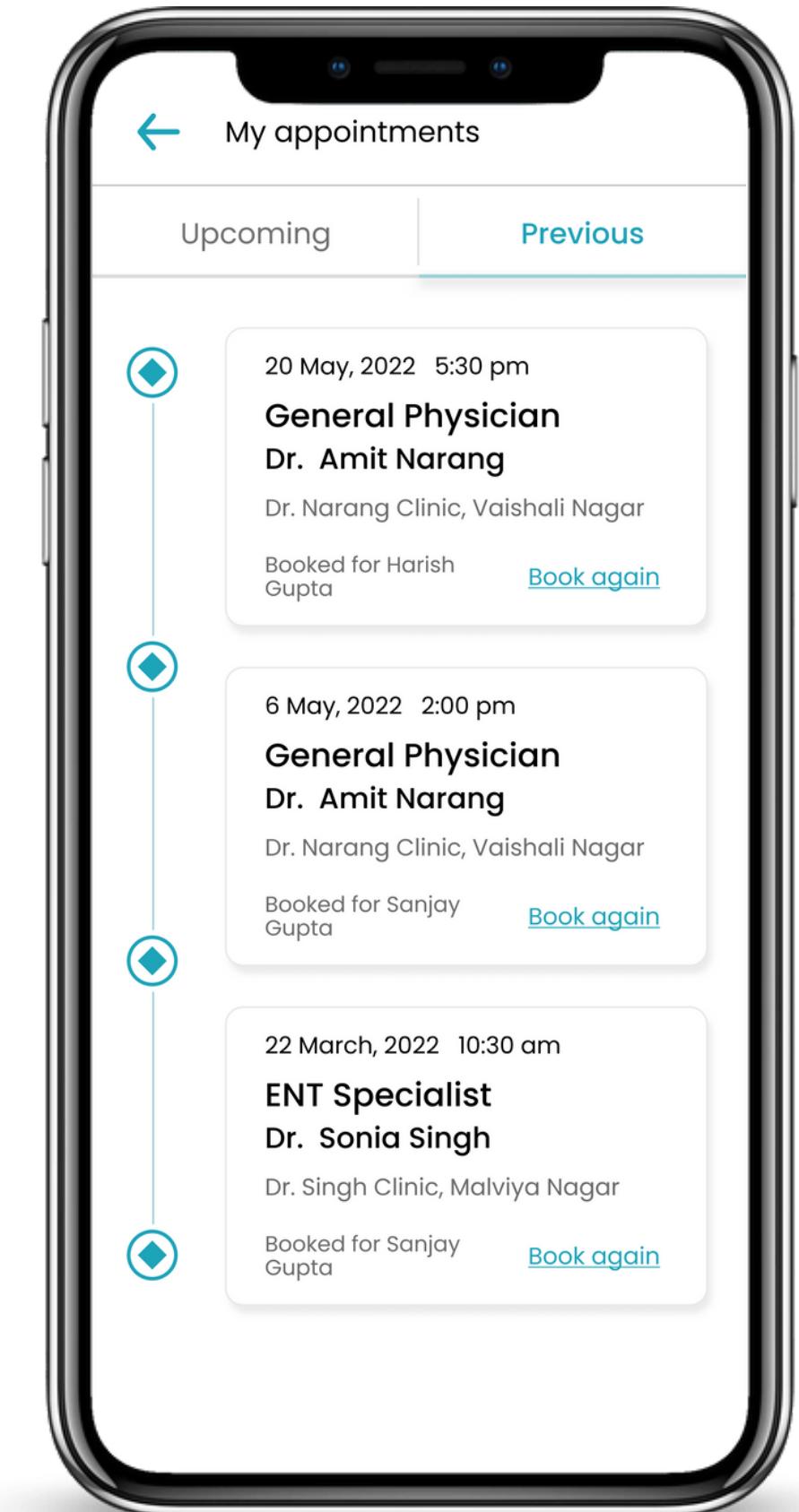
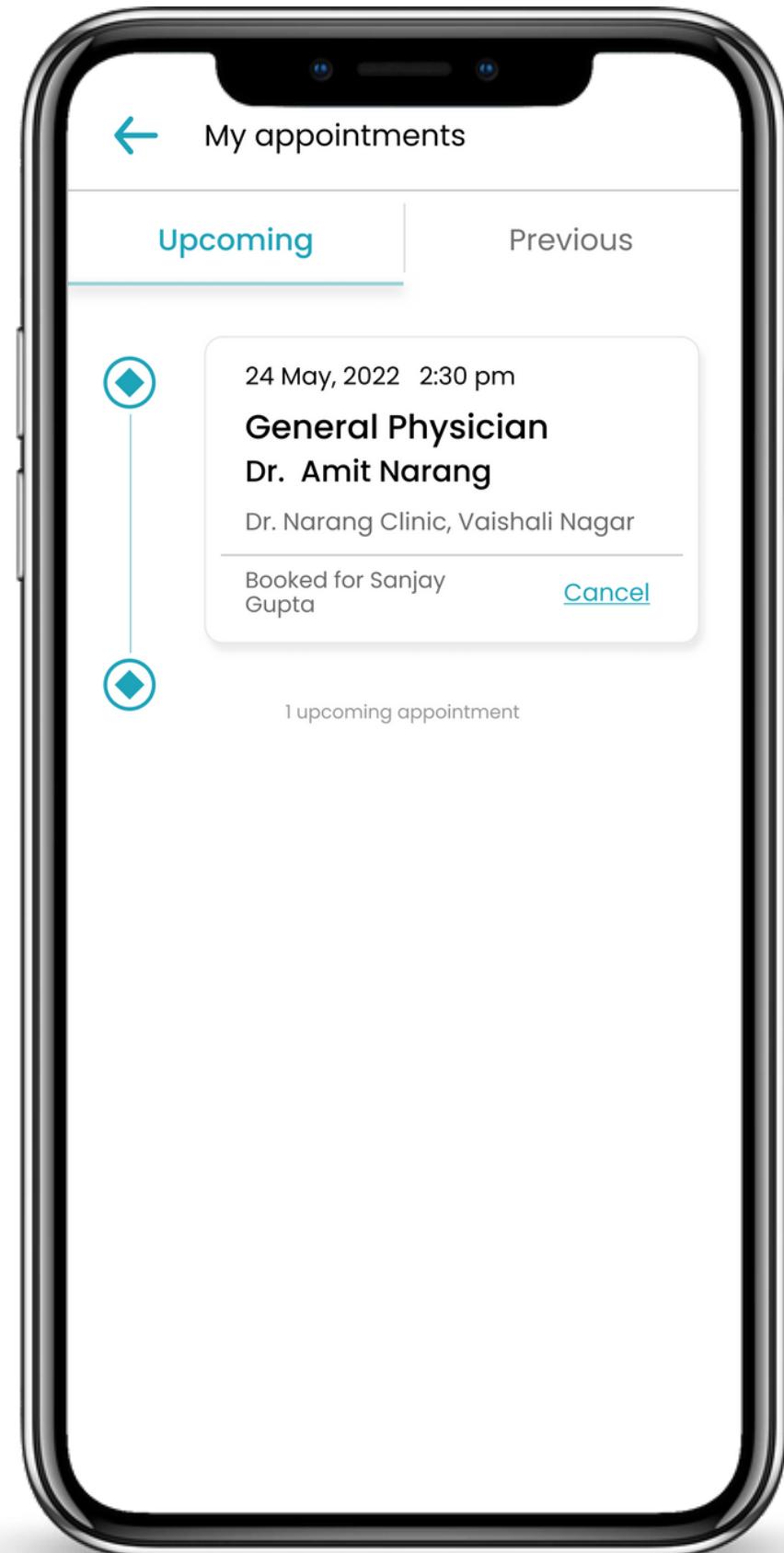


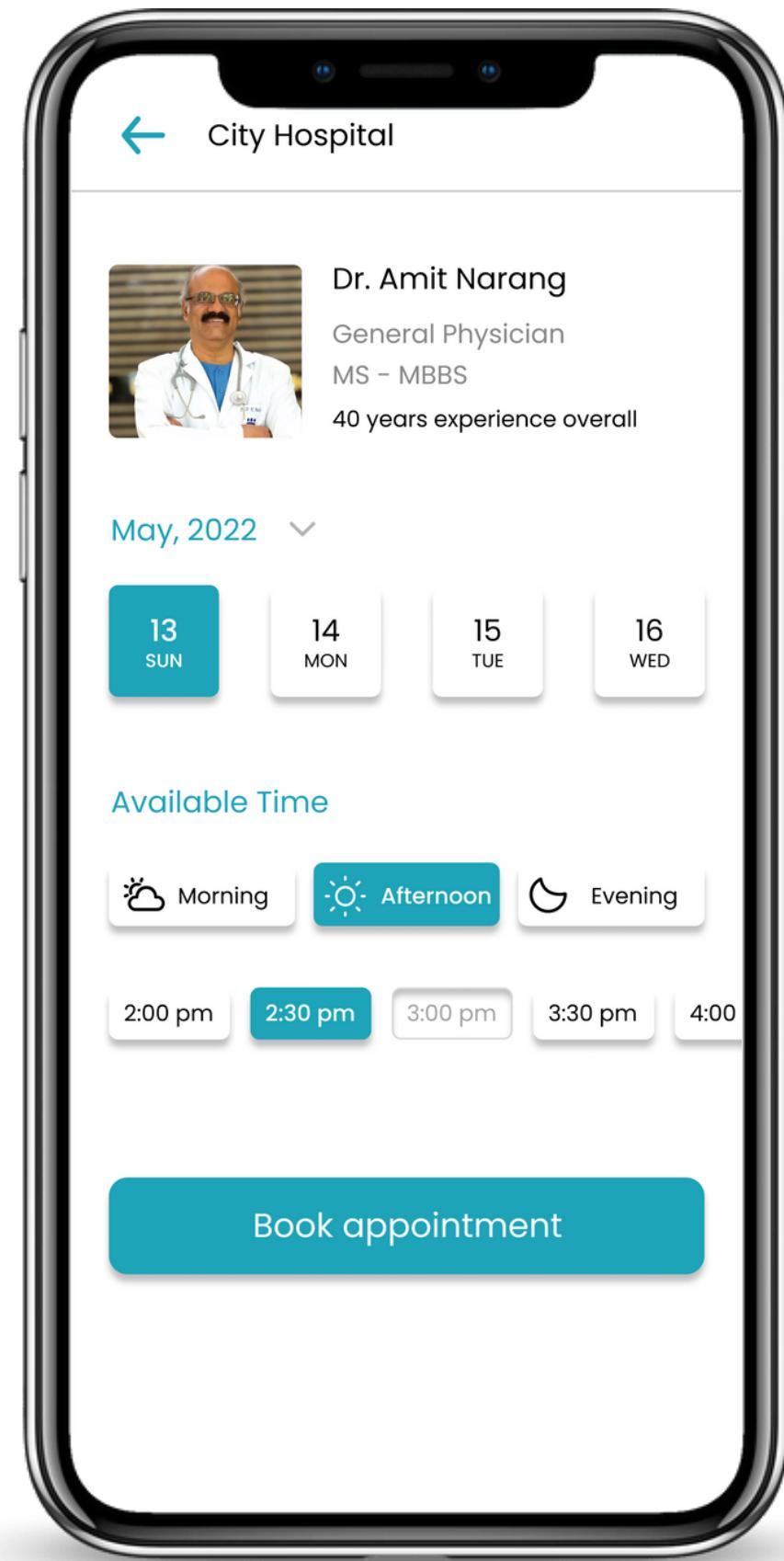
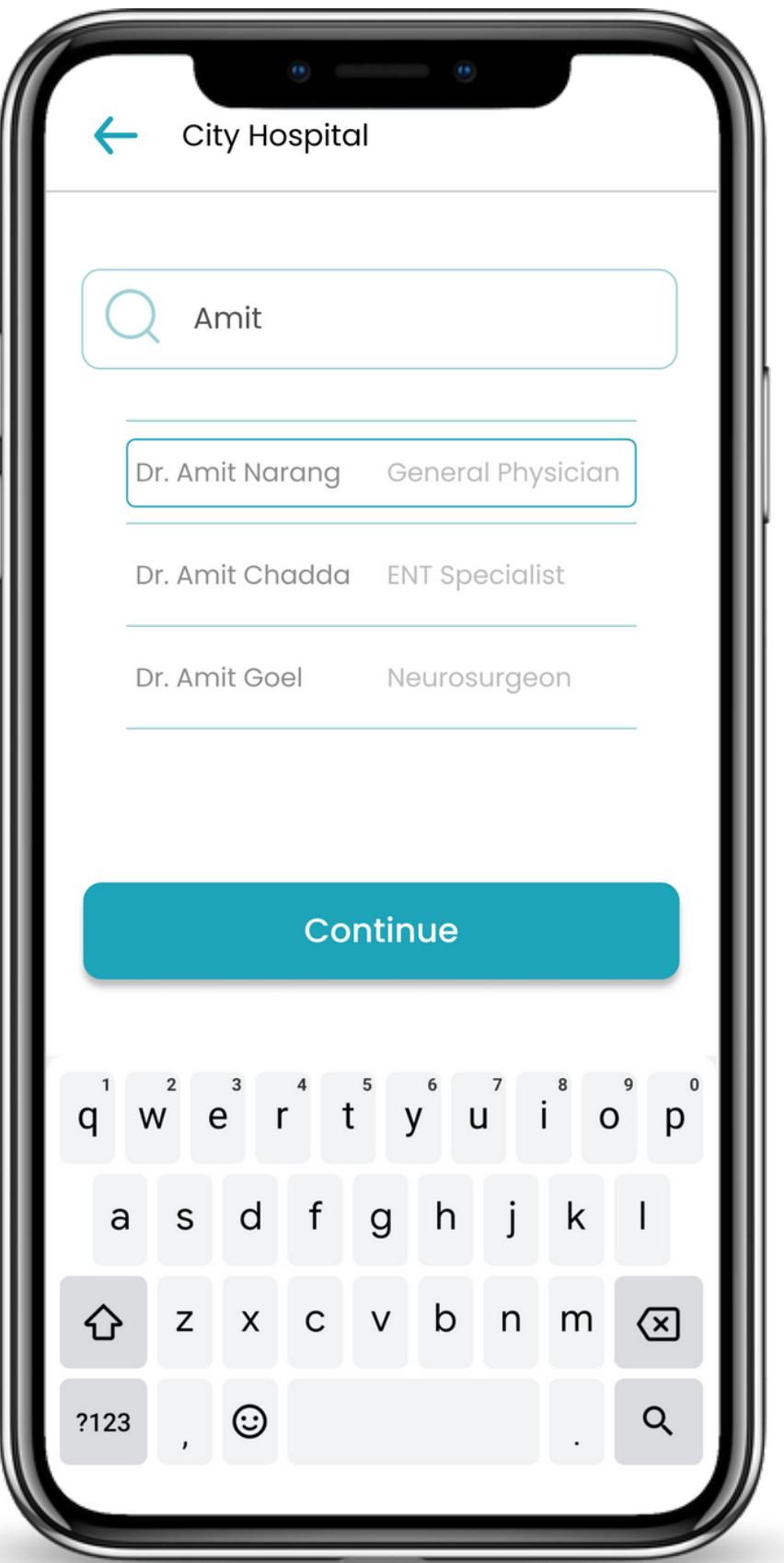
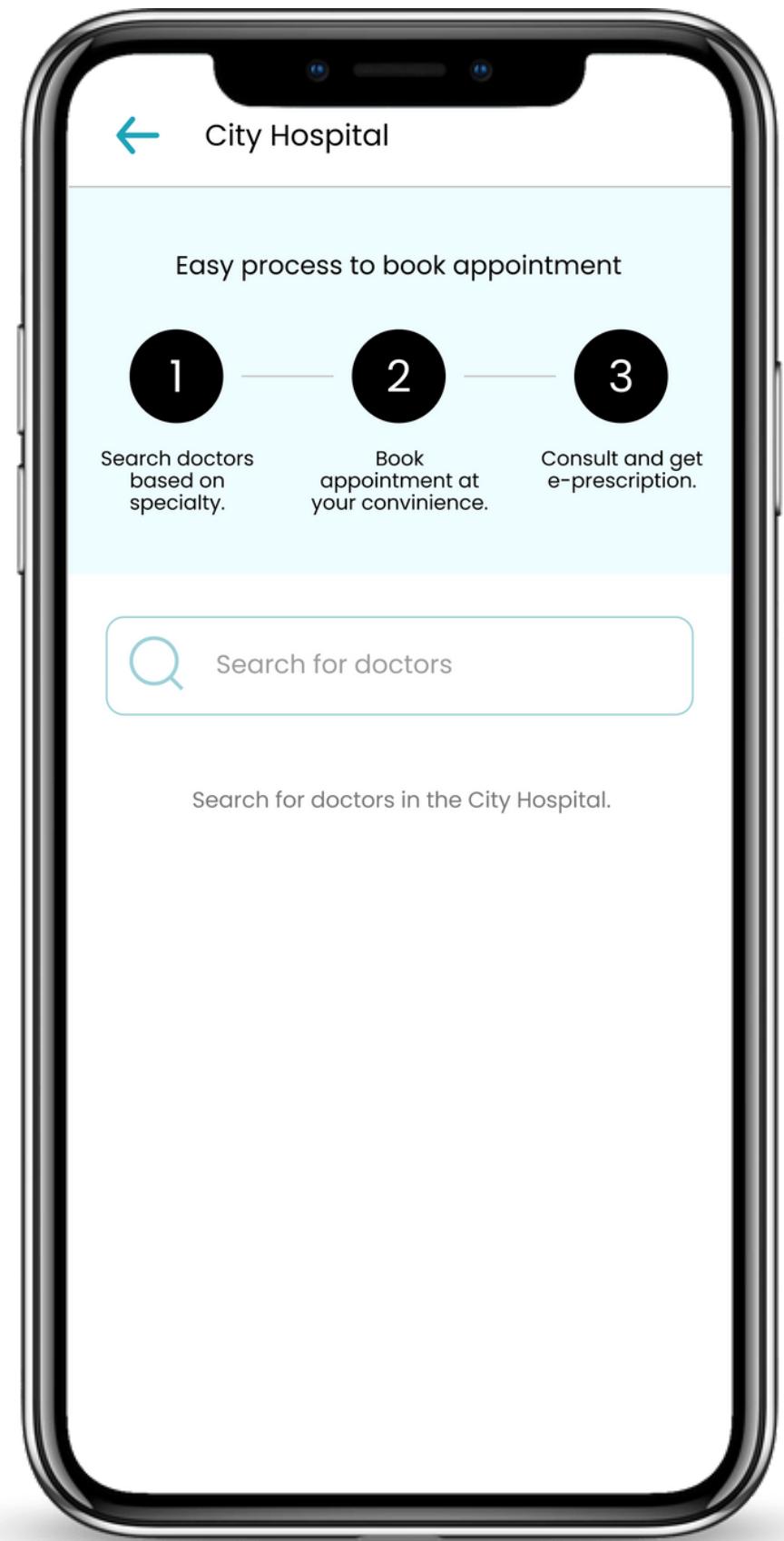


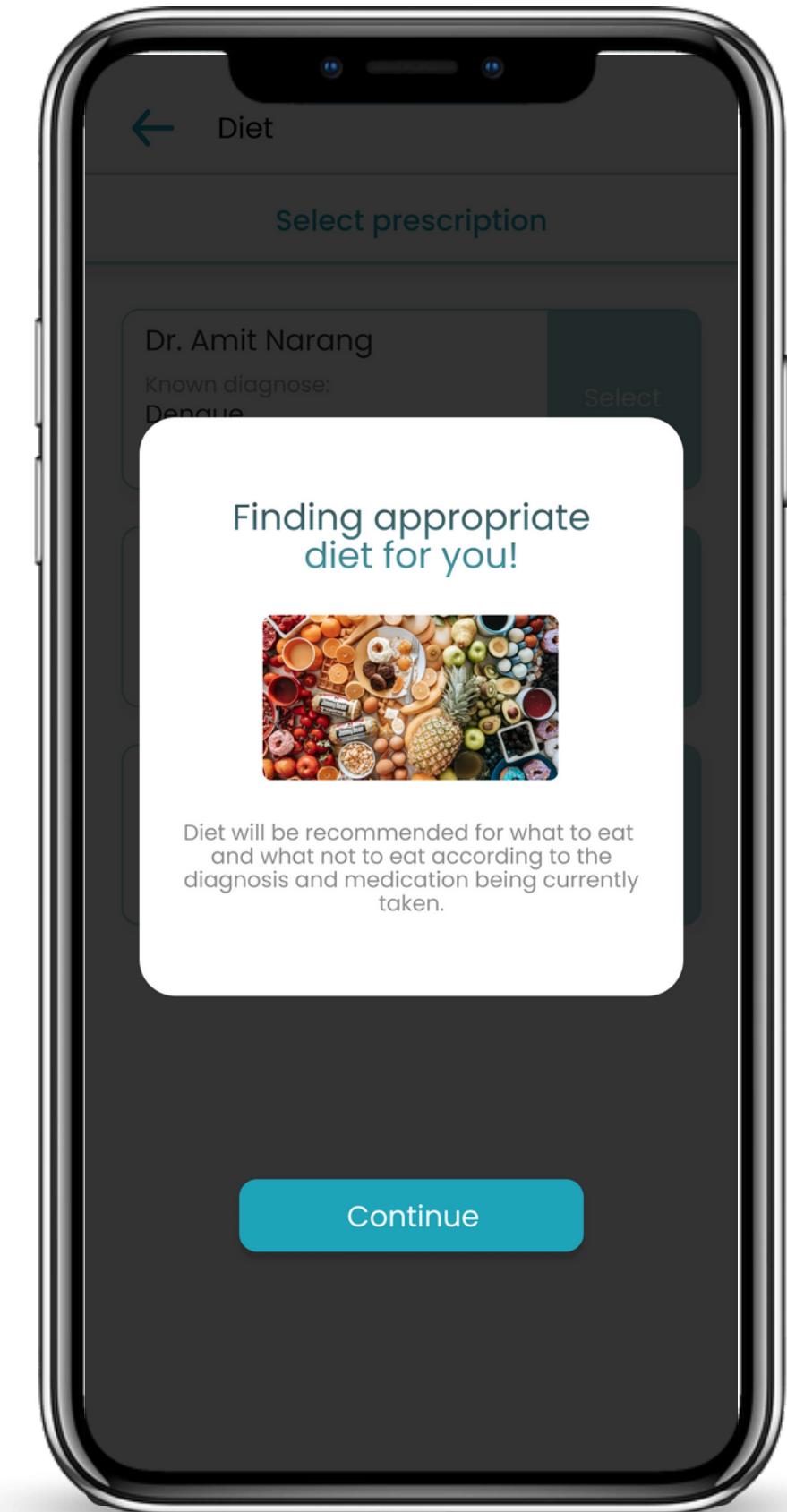
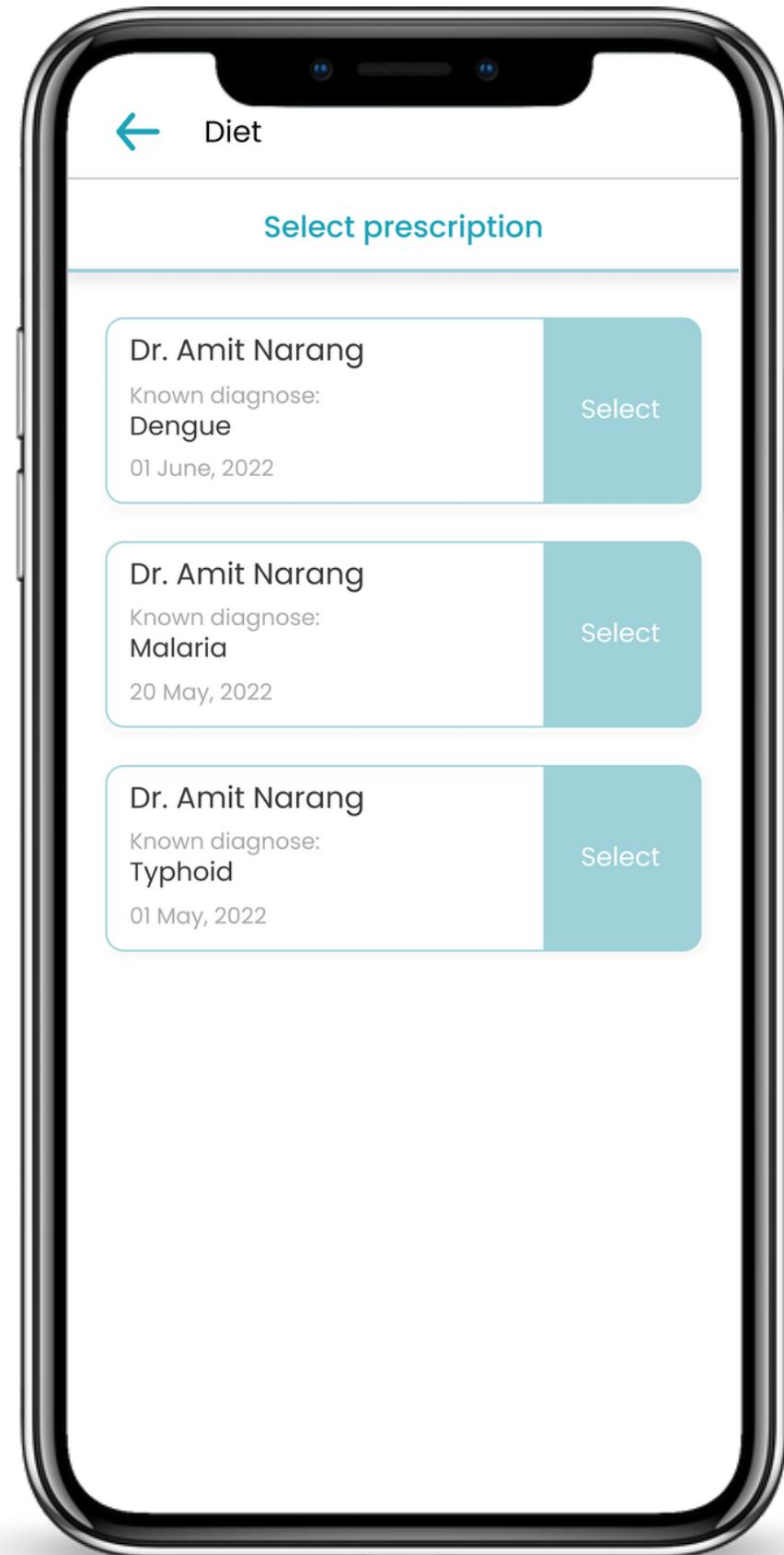


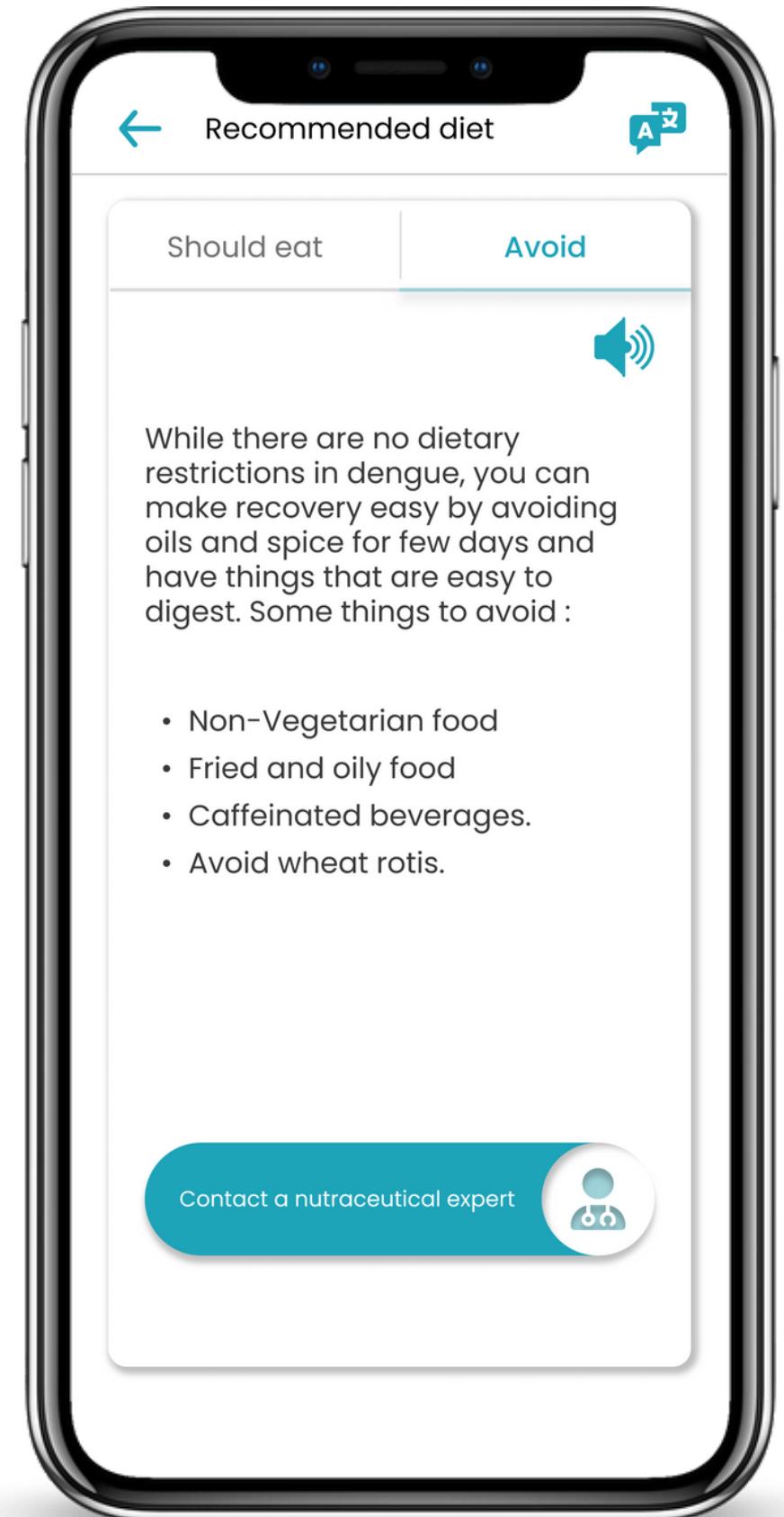
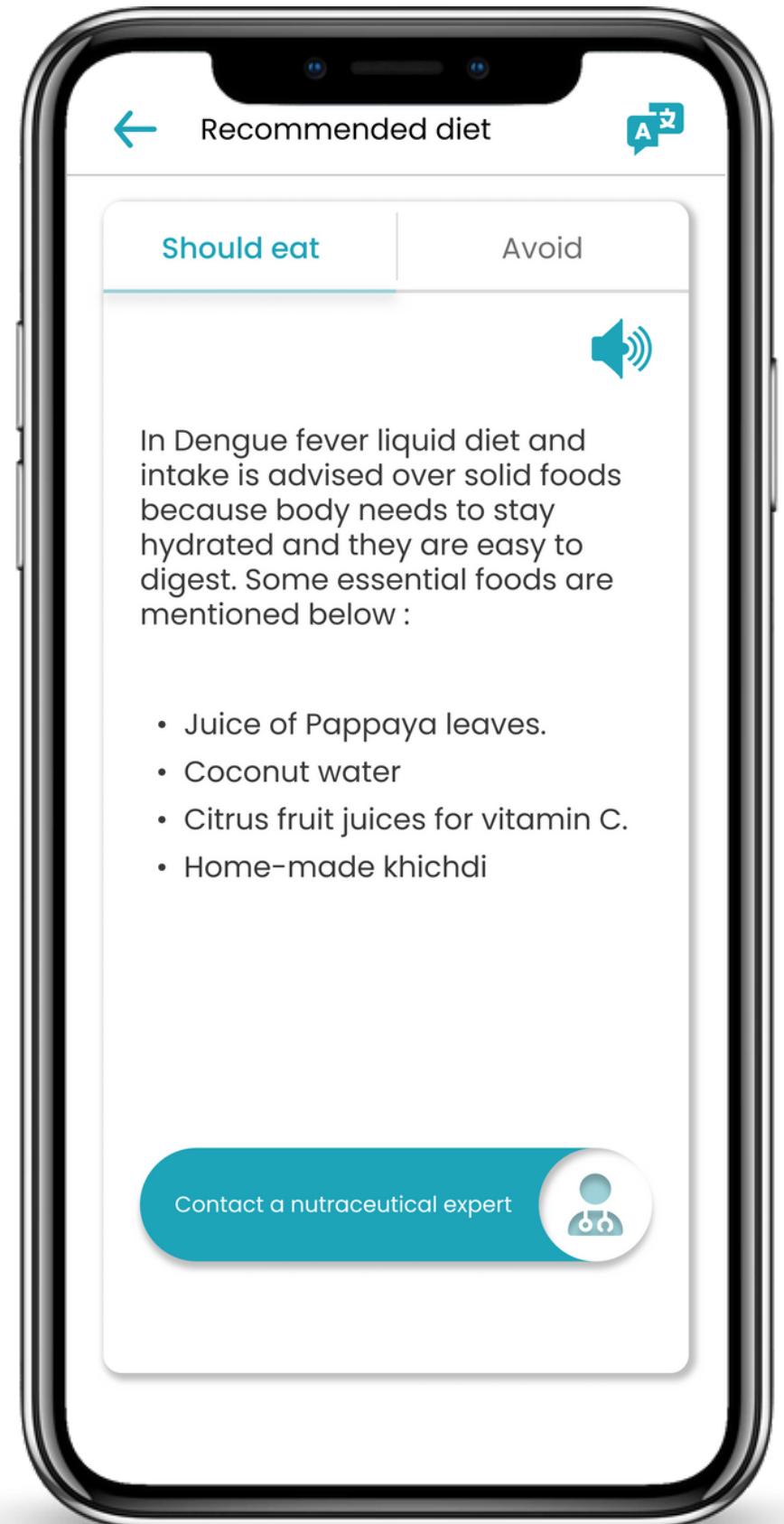
My prescription format for easy understanding and readability of the prescription for the user. A language is provided to switch to different Indian scripts, so that the user could use the app in the language that user wants.











Future Scope

This method of interaction between the doctor and patient will become common in the coming years. And with respect to the previous years that went into the Corona virus, [Research paper name] is a study of self medication of that period. With which a solution to that problem was at hand but couldn't be applied to this service yet because of shortage of time but would like to upgrade and continue this project in future. The feature(solution) was to add pre-made prescriptions of medications to common diseases, which would be certified and agreed by the doctors of our community. So in case if a patient by any reason is not able to consult with a doctor, he/she can consult to those common prescriptions given in the app and can self-medicate. But only those medicines will be prescribed which can be obtained without a doctor's consultation. Also the helpline provided will always be open for help if needed.

Deliverables

Font specifications

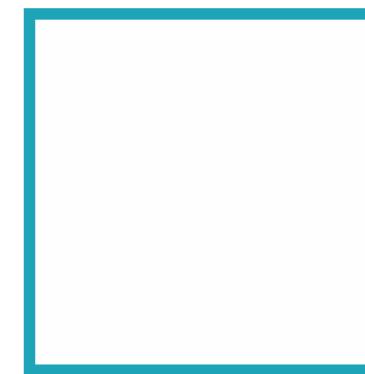
Poppins

Weight : Normal
Size : 12pt

Weight : Normal
Size : 14pt

Weight : Normal
Size : 16pt

Colour specifications



Primary
#9ED2D8

Accent
#1EA4B9

White
#ffffff

Dark grey
#383838

Grey
#ADA8A8

Thank You

By-

Shobhit Gupta