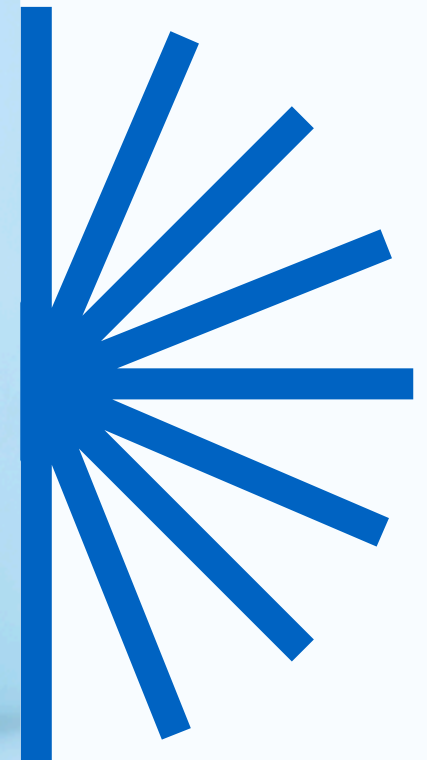


E-Pharmacy

Trusted Care, Right to Your Door.

prepared by Team 6





PROJECT OVERVIEW



PROBLEM STATEMENT

Over 2 billion people globally lack regular access to essential medicines, according to the World Health Organization (WHO). Factors like long travel distances, pharmacy queues, and limited stock contribute to poor health.



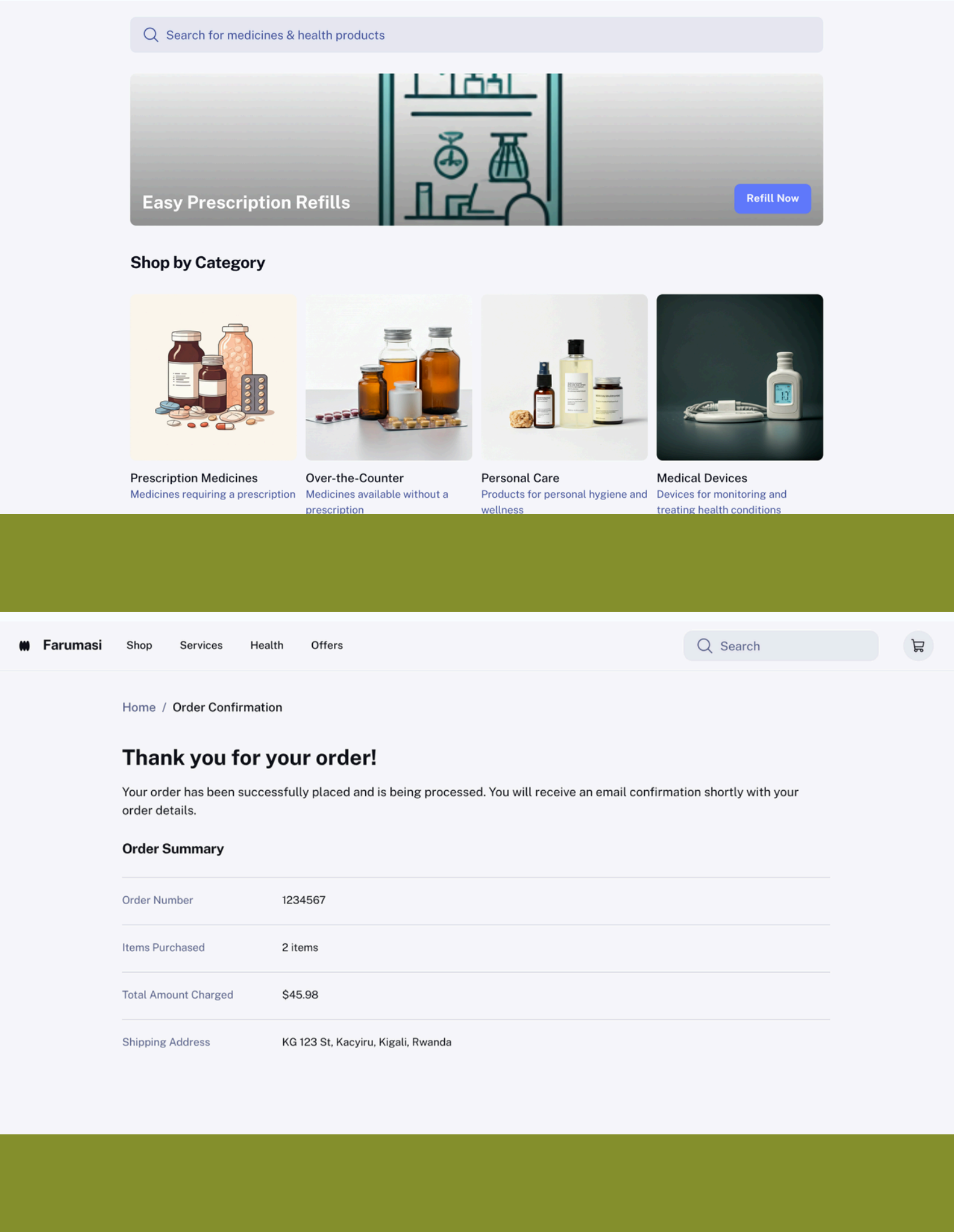
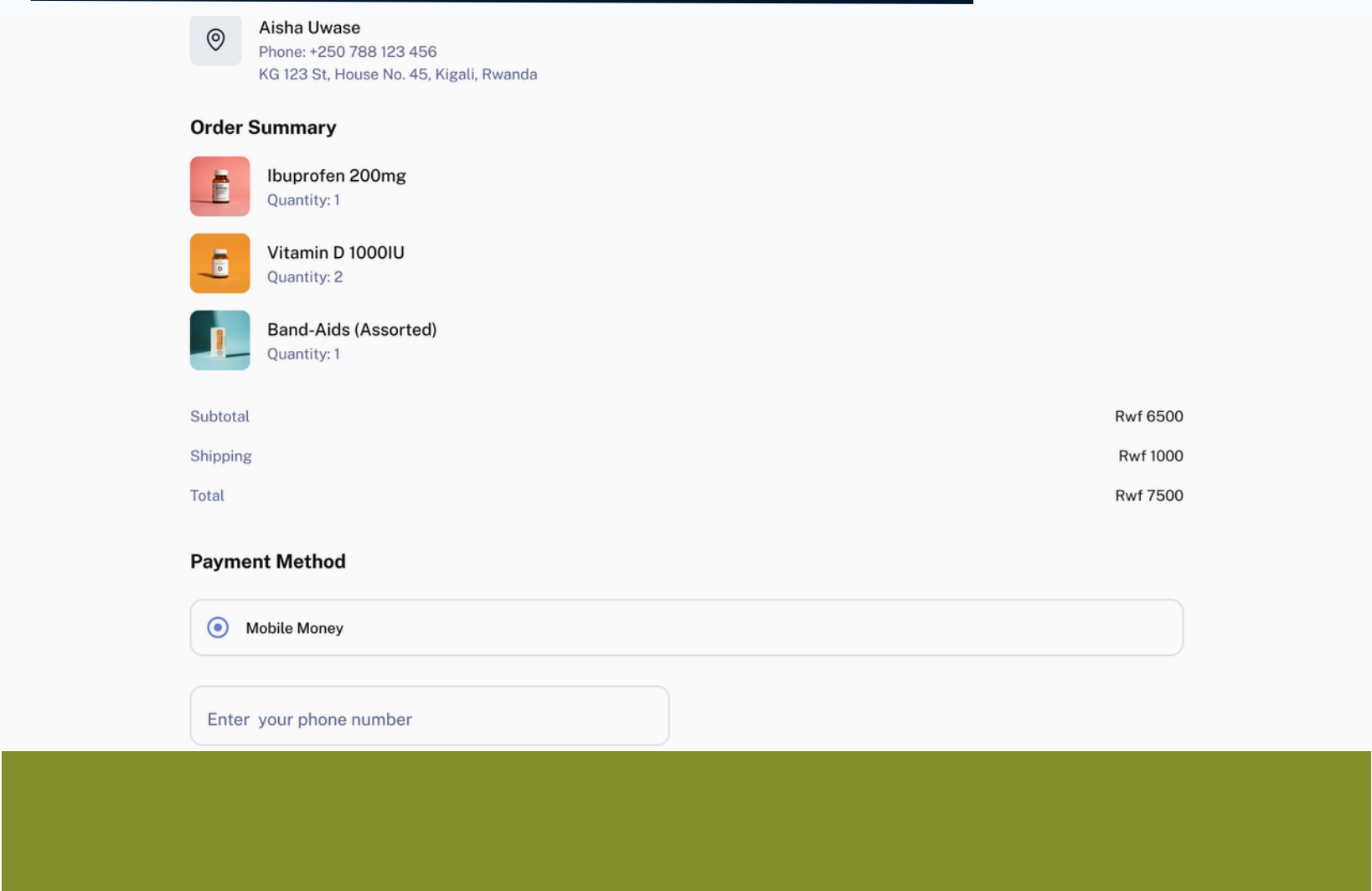
PROPOSED SOLUTION

An e-pharmacy digital platform that allows customers to order prescription and over-the-counter medications online and get them delivered to their door

TECHNICAL FEATURES PLANNED FOR DEVELOPMENT.

E-Pharmacy will include a searchable medicine catalog, real-time inventory management with stock alerts, and a shopping cart with smooth checkout and secure payment integration via mobile money and cards.

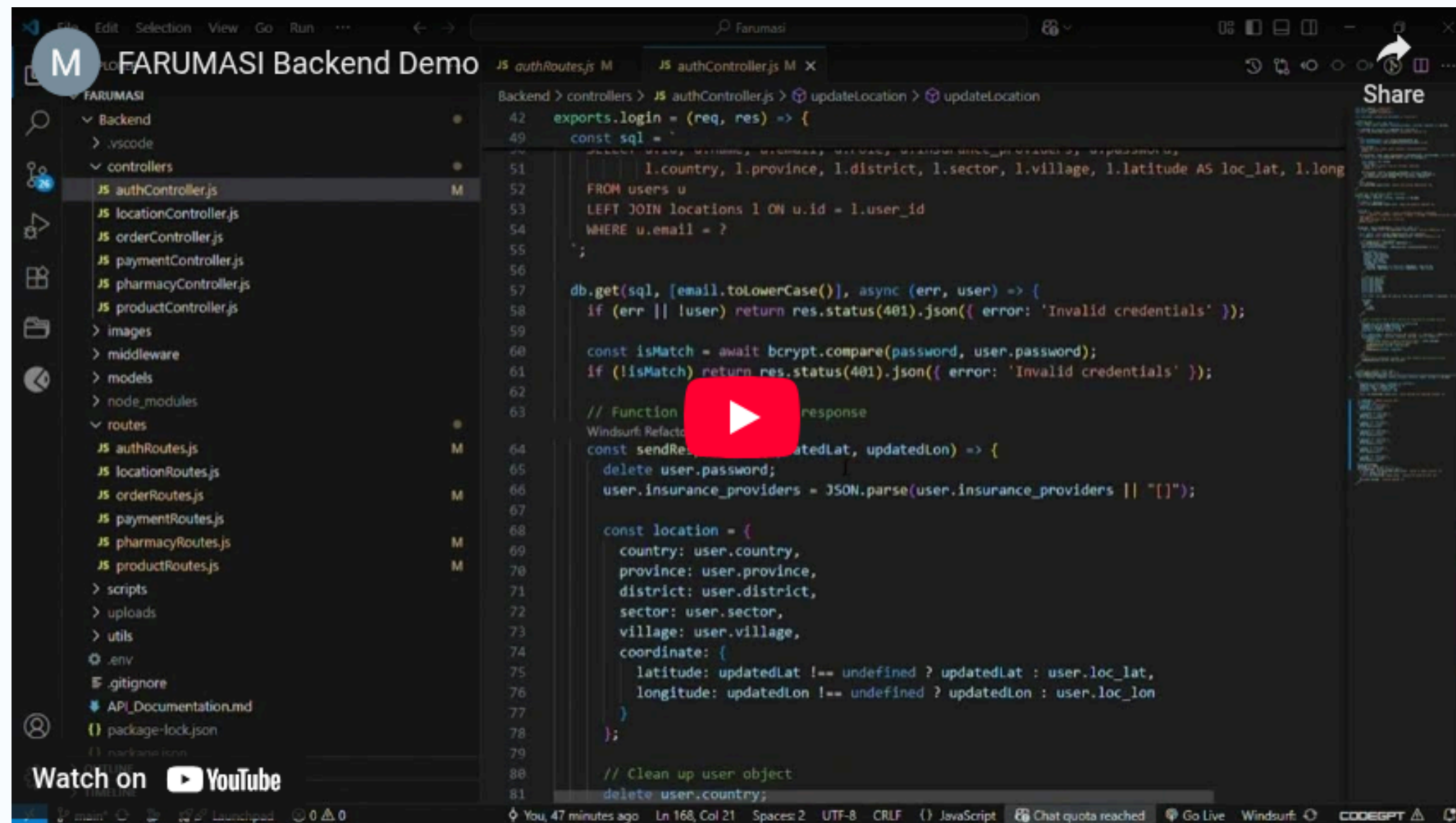
Figma Design



TECHNICAL FEATURES DEVELOPED TO DATE

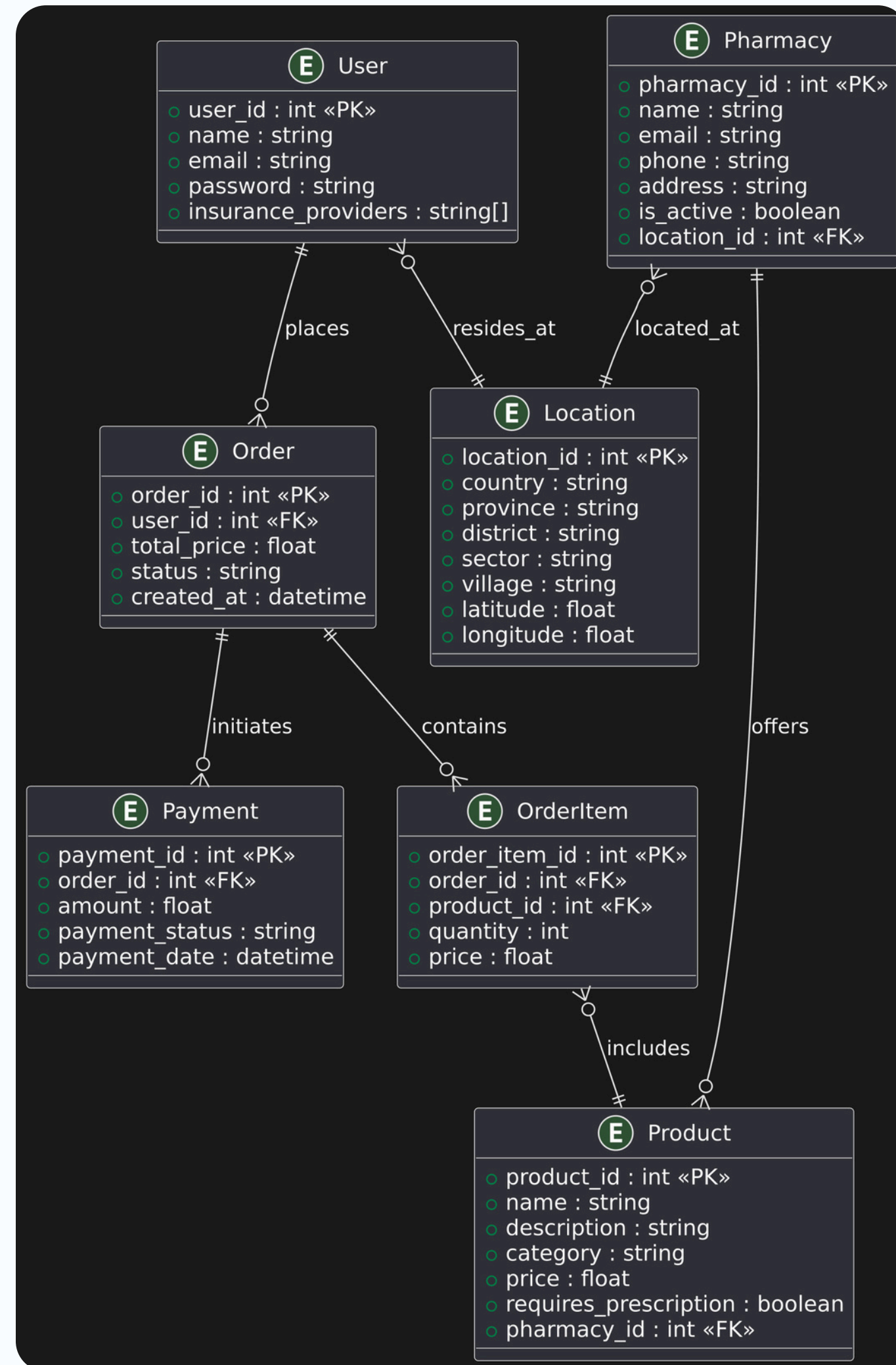
Here is a short video demonstrating what been done so far on our project on the backend side of the E-Pharmacy webpage

Demo video



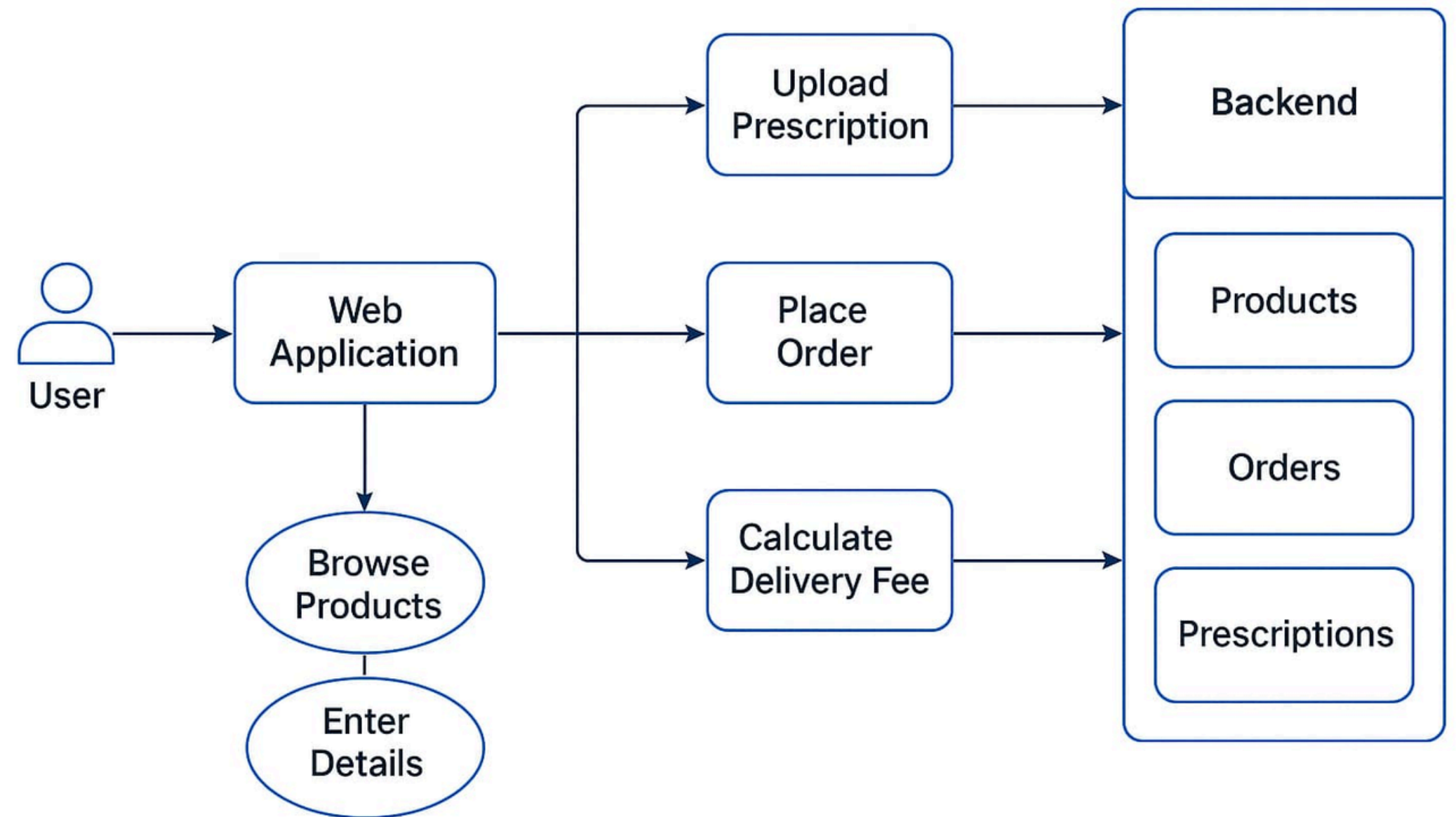
DATABASE SCHEMA

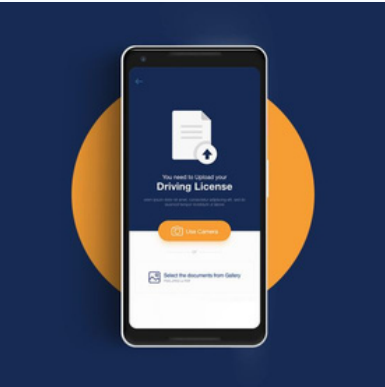
“A blueprint of how our farumasi project data is organized and structured in a database.”



ARCHITECTURE DIAGRAM

“E-pharmacy System architecture connecting users, backend, database, and pharmacy admin panel.”

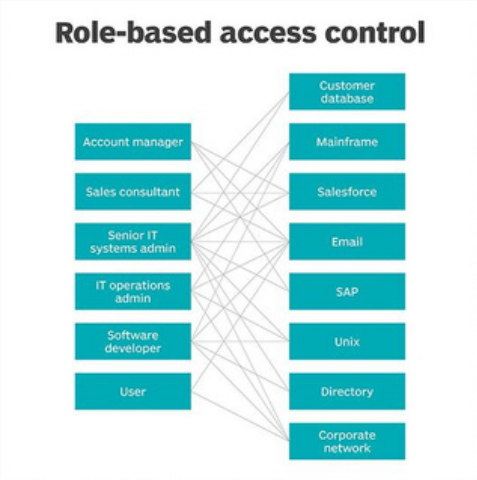




Secure Prescription Upload:
A system that allows users to upload their medical prescriptions safely



MoMo API implementation:
finding the API was a bit challenging



Role-Based Access Control:
model that restricts system access to authorized users based on their role (e.g., Admin, Pharmacist, Customer).

TECHINICAL CHALLENGES



Time:
shortage of time to come up with technical presentation



Prescription Verification:
Detecting forged or expired prescriptions

FEEDBACK INTEGRATION

Referring to the last presentation, here was our facilitator's feedback



Icons

Add relevant icons and visuals to make slides more engaging.



Too wordy

Reduce the amount of text on slides.



User Experience

Make the presentation more interactive and interesting for the audience.



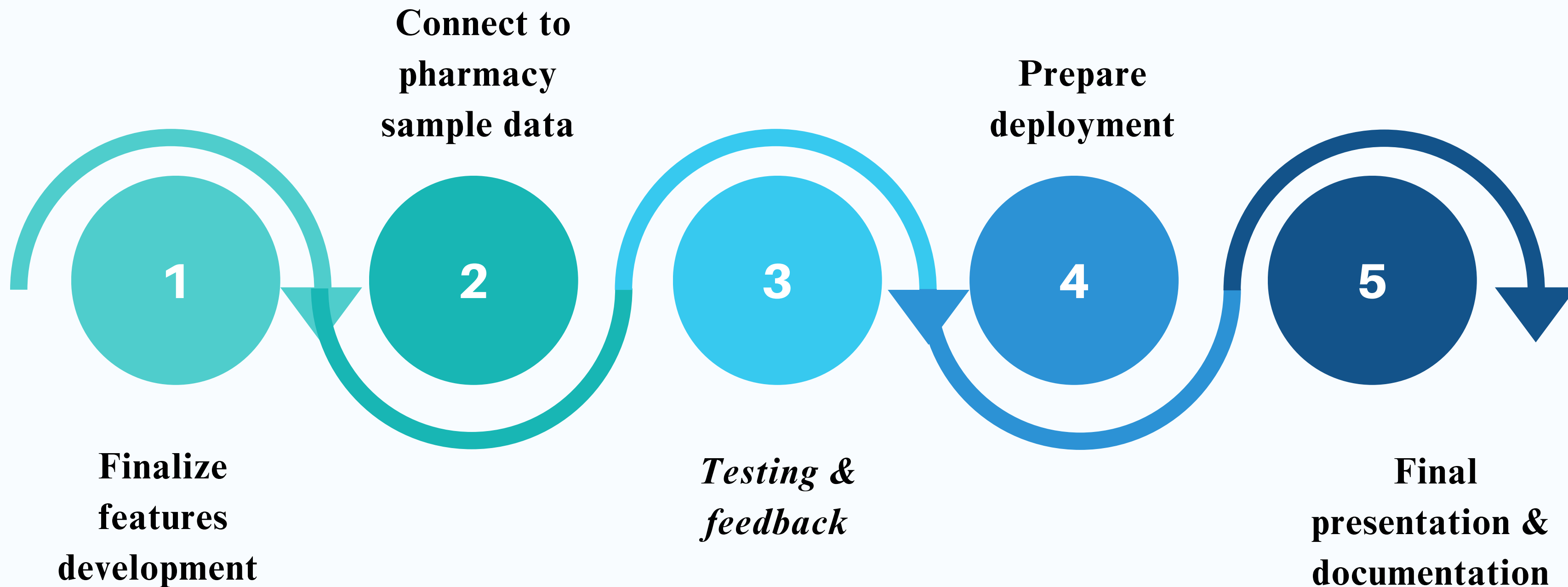
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our next steps



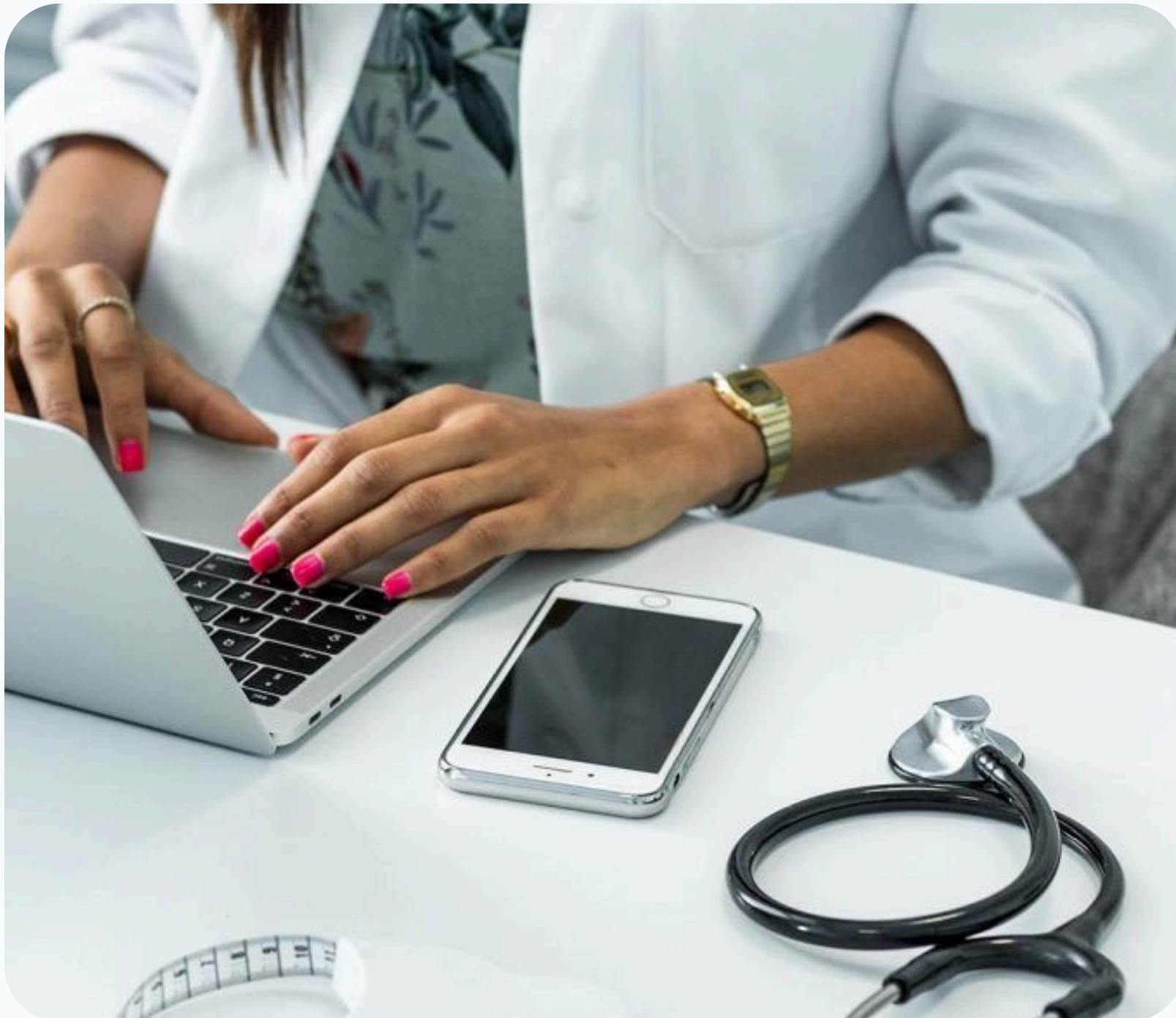


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QUESTIONS & FEEDBACK



+123-456-7890



www.farumasi.com



info@farumasi.com



reference:

Tech Stack Tool

Node.js

Express js

SQLite3

Multer

Axios

MTN MoMo API

Link to this deck

Purpose & hyperlink

[Backend Runtime](#)

[API Routing](#)

[Database](#)

[File Uploads](#)

[HTTP Requests](#)

[Mobile payment integration](#)

[the Demo video can't be accessed on pdf](#)