

Product

Contact

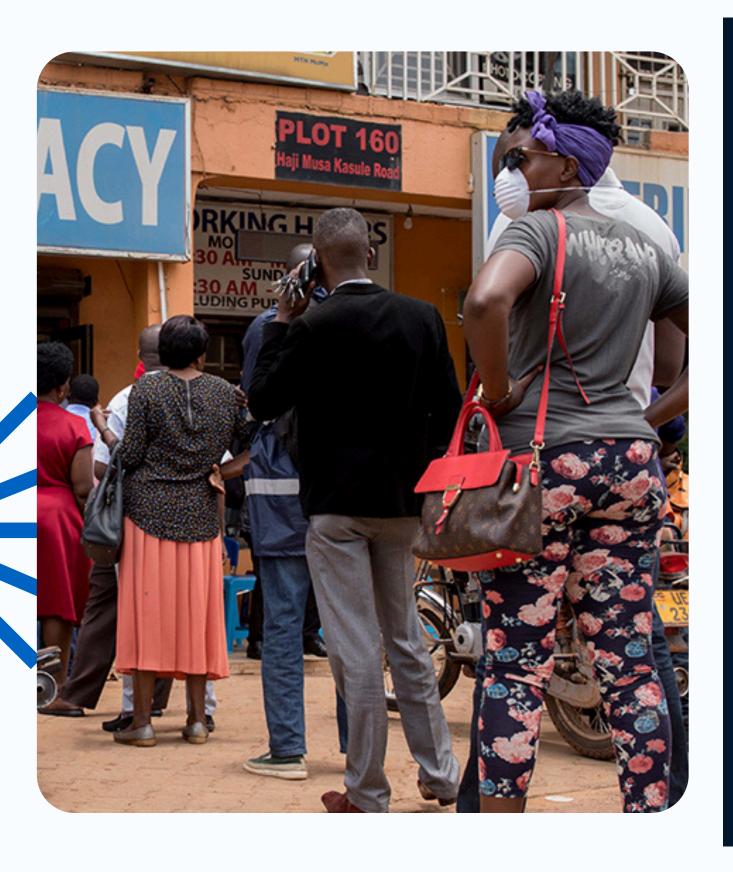


S RxDevs

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

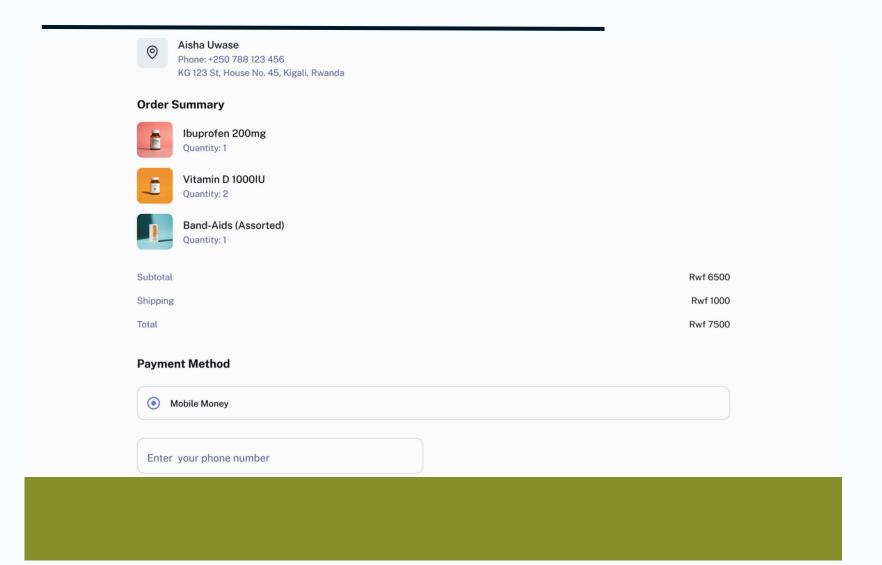
An e-pharmacy digital platform that allows customers to order prescription and over-the-counter medications online and get them delivered to their door

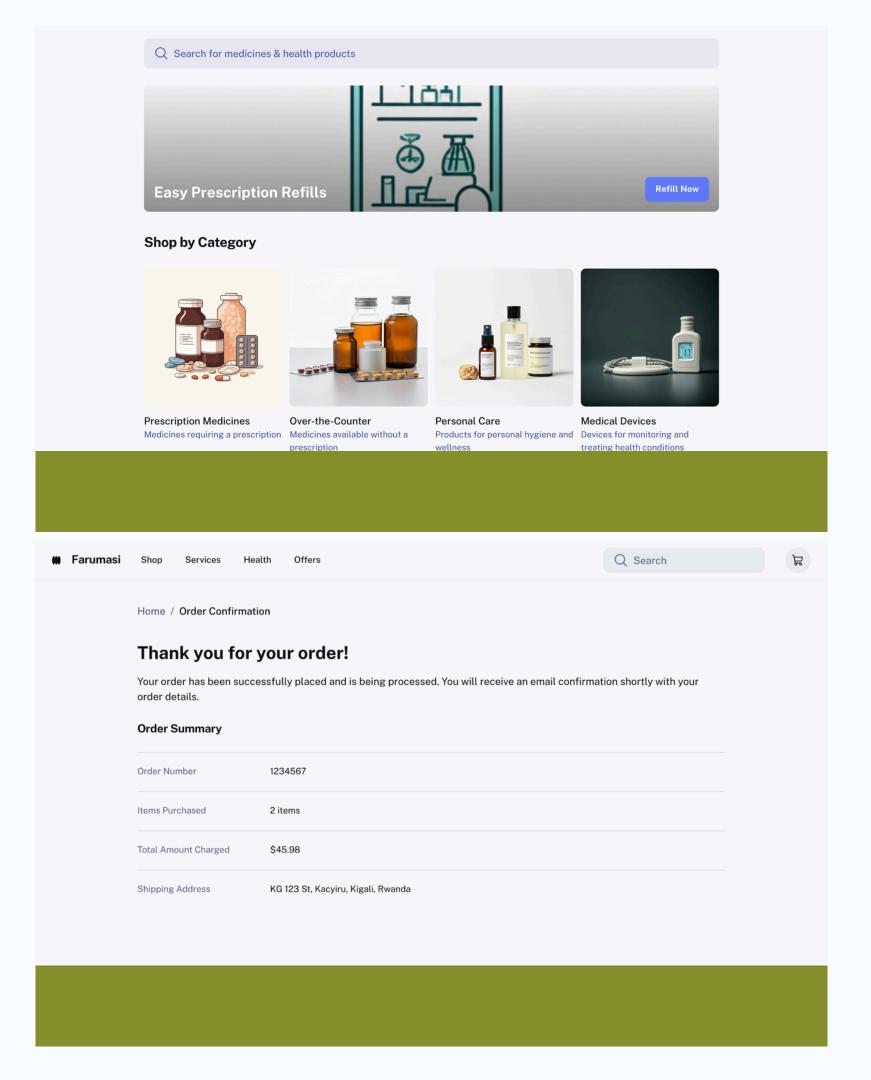


TECHNICAL FEATURES PLANNED FOR DEVELOPMENT.

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 demostrating what been done so far on our project on the backend side of the E-Pharmacy webpage

Demo video

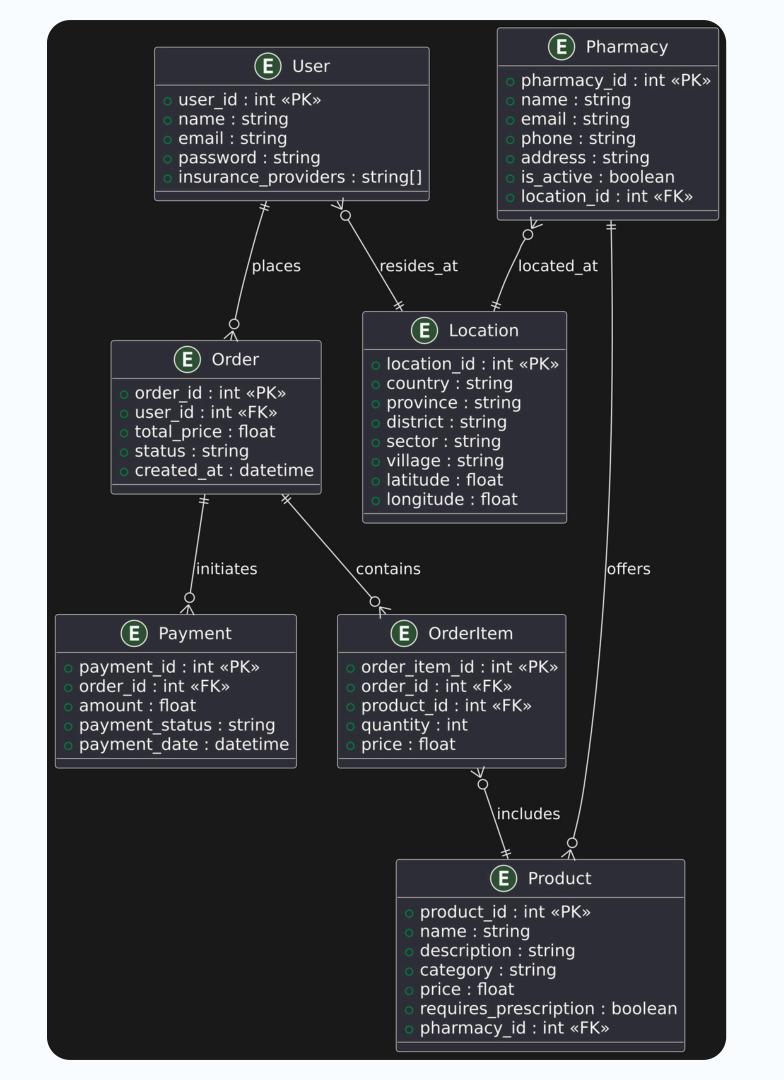
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FARUMASI Backend Demo 15 authinoutes, is M
                                                        Backend > controllers > 15 authController.js > ♥ updateLocation > ♥ updateLocation
                                                             exports.login = (req, res) => {
                                                                         1.country, 1.province, 1.district, 1.sector, 1.village, 1.latitude AS loc_lat, 1.long
                                                                db.get(sql, [email.toLowerCase()], async (err, user) -> {
                                                                  if (err || !user) return res.status(401).json({ error: 'Invalid credentials' });
                                                                  const isMatch = await bcrypt.compare(password, user.password);
                                                                  if (!isMatch) return res.status(401).json({ error: 'Invalid credentials' });
      routes
                                                                                            tedLat, updatedLon) => {
                                                                   user.insurance_providers = JSON.parse(user.insurance_providers || "[]");
                                                                   const location = {
                                                                     country: user.country,
                                                                     province: user.province,
                                                                     district: user.district,
                                                                     sector: user sector,
                                                                     village: user.village,
                                                                        latitude: updatedLat !== undefined ? updatedLat : user.loc_lat,
                                                                        longitude: updatedLon !== undefined ? updatedLon : user.loc_lon
      API_Documentation.md
     () package-lock.json
Watch on ► YouTube
```





DATABASE SCHEMA

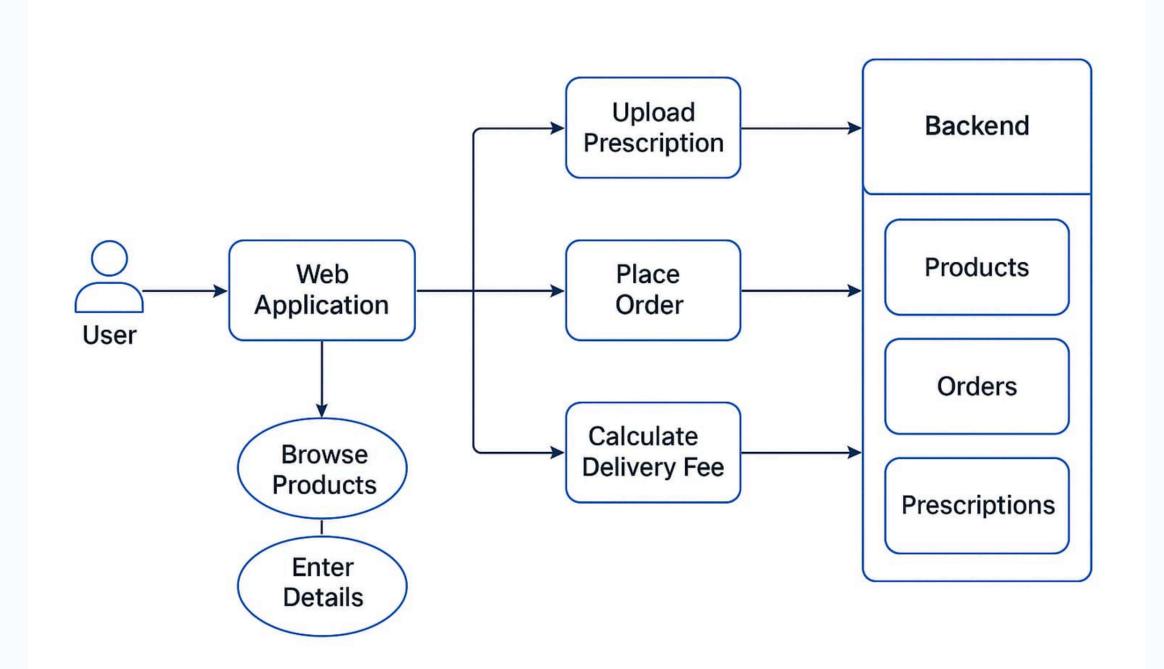
"A blueprint of how our farumasi project data is organized and structured in a database."





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



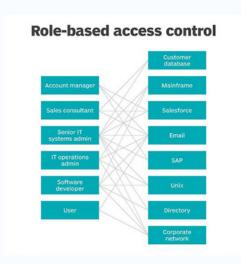


Time: shortage of time to come up with technical presentation



Prescription Verification:

Detecting forged or expired prescriptions



Role-Based Access Control:

model that restricts system access to authorized users based on their role (e.g., Admin, Pharmacist, Customer).



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.

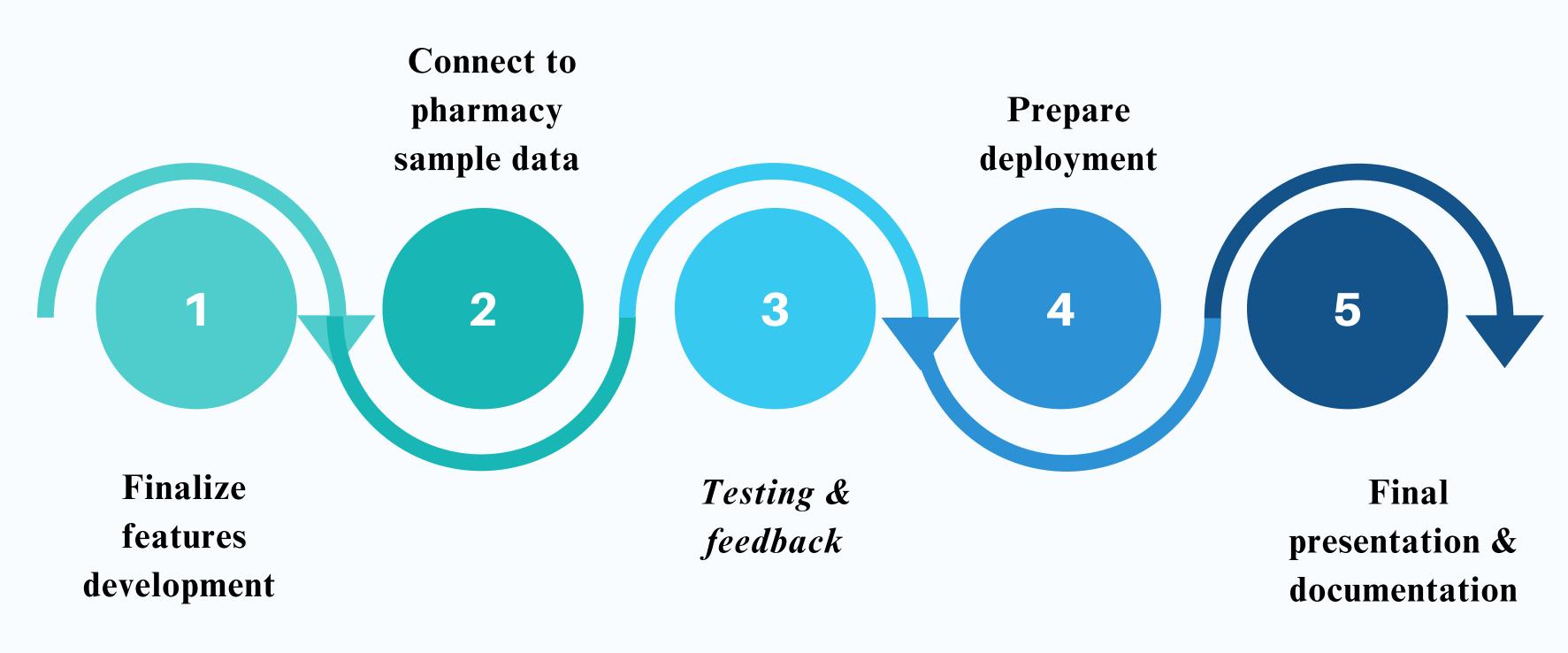


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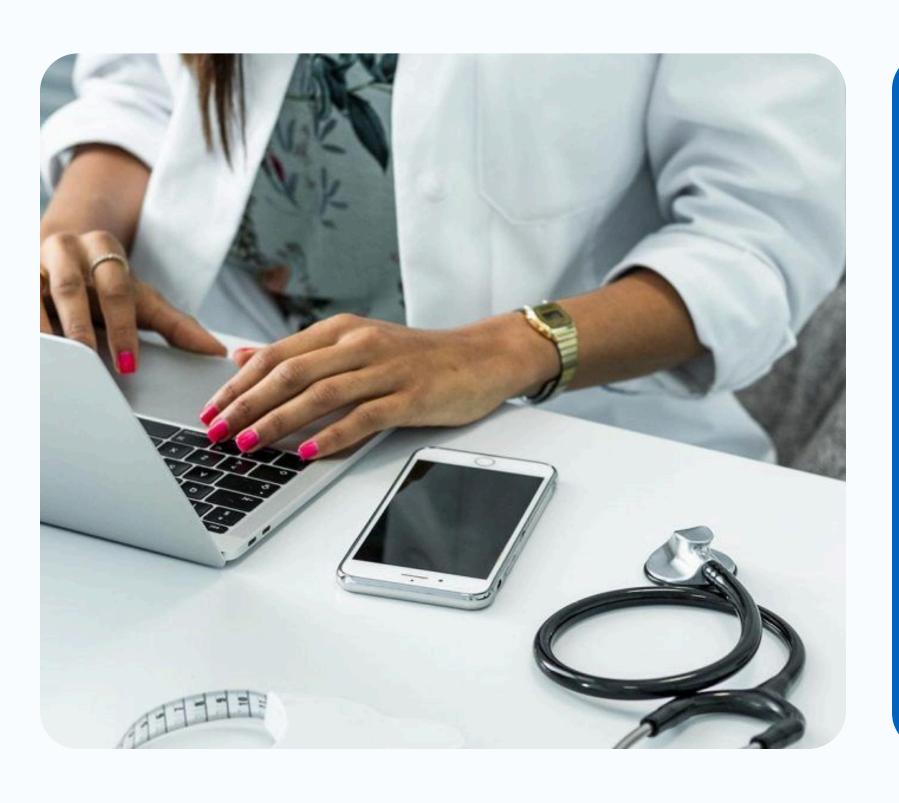
our next steps



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QUESTIONS & FEEDBACK

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reference:

Tech Stack Tool	Purpose & hyperlink
Node.js	Backend Runtime
Express js	<u>API Routing</u>
SQLite3	<u>Database</u>
Multer	<u>File Uploads</u>
Axios	HTTP Requests
MTN MoMo API	Mobile payment integration

Link to this deck

the Demo video can't be accessed on pdf