**Flow of the Project (Step-by-Step)**

### ****Patient Interaction****

* User logs in via KIOSK (web).
* Starts chat with AI chatbot (text or document upload).

### ****Document Processing****

* If PDF/lab report is uploaded:
  + OCR extracts text.
  + AI analyzes medical data (e.g., high sugar levels → diabetes risk).

### ****Doctor Matching****

* Chatbot suggests relevant doctors based on condition.
* Shows available slots for booking.

### ****Live Consultation****

* Patient books slot → joins video/text chat with doctor.
* Doctor uploads handwritten prescription.

### ****Prescription Handling****

* OCR converts handwriting to digital text.
* System generates QR code linked to prescription.

### ****Pharmacy Access****

* Medical store scans QR → fetches PDF prescription + medical history.

### ****Summary****

* **Chatbot-Centric**: AI chatbot handles initial diagnosis via text/reports.
* **Automated Workflow**: OCR for prescriptions, QR for pharmacy access.
* **Rural-Friendly**: Works offline (basic features) + low-bandwidth optimizations.
* **Secure**: Encrypted data, HIPAA-compliant access logs.

### ****Conclusion****

This project bridges rural healthcare gaps by:

* Providing AI-powered triage (chatbot + document analysis).
* Enabling remote consultations with doctors.
* Simplifying prescription sharing via QR codes.
* Ensuring security/privacy for sensitive data.