

## Project Design Phase-II

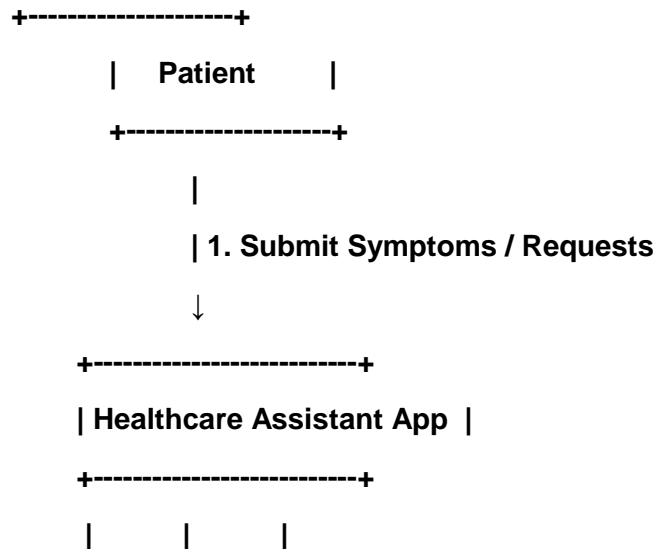
### Data Flow Diagram & User Stories

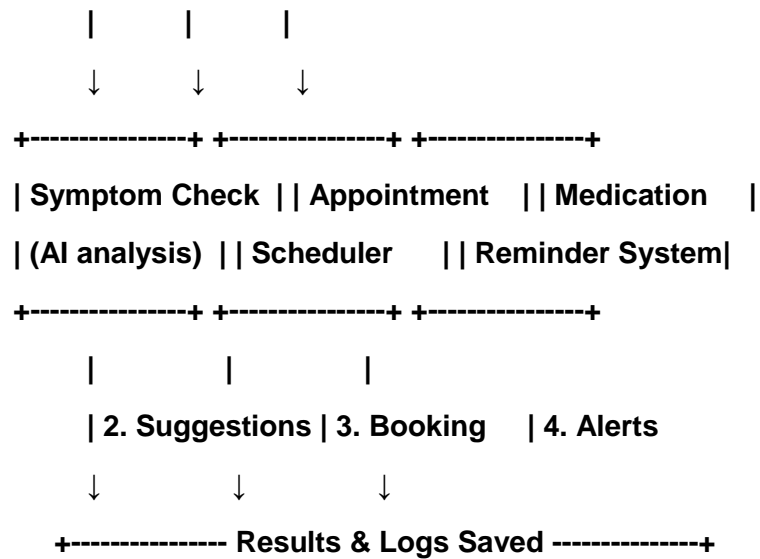
|               |  |
|---------------|--|
| Date          | 28 June 2025   |
| Team ID       | LTVIP2025TMID50016   |
| Project Name  | HealthAI: Intelligent Health care Assistant<br>Using IBM Granite |
| Maximum Marks | 4 Marks  |

#### Data Flow Diagrams:

Here's a Data Flow Diagram (DFD) for a Healthcare Assistant System, along with a list of important keywords you can use for reports, presentations, or documentation.

#### □ Data Flow Diagram: Intelligent Healthcare Assistant (Level 1)





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## Important Words / Keywords

Category      Keywords

 Functional Terms Symptom Checker, Appointment Booking, AI Chatbot, Virtual Consultation

 AI Technologies NLP (Natural Language Processing), Machine Learning, Predictive Modeling

 System Components      Patient Interface, Admin Dashboard, Data Logger, Emergency Alert Module

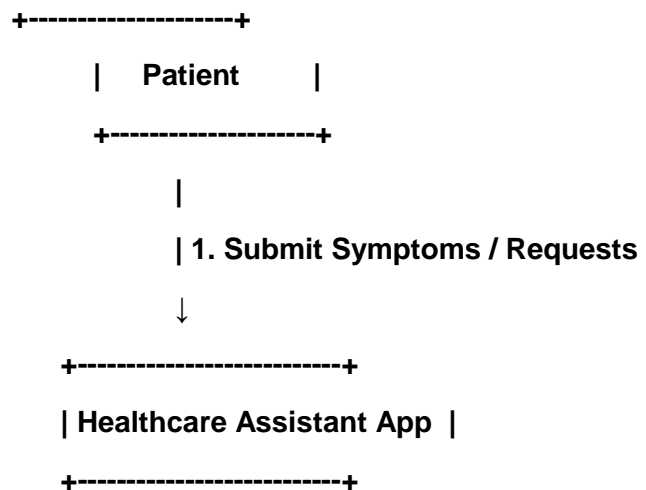
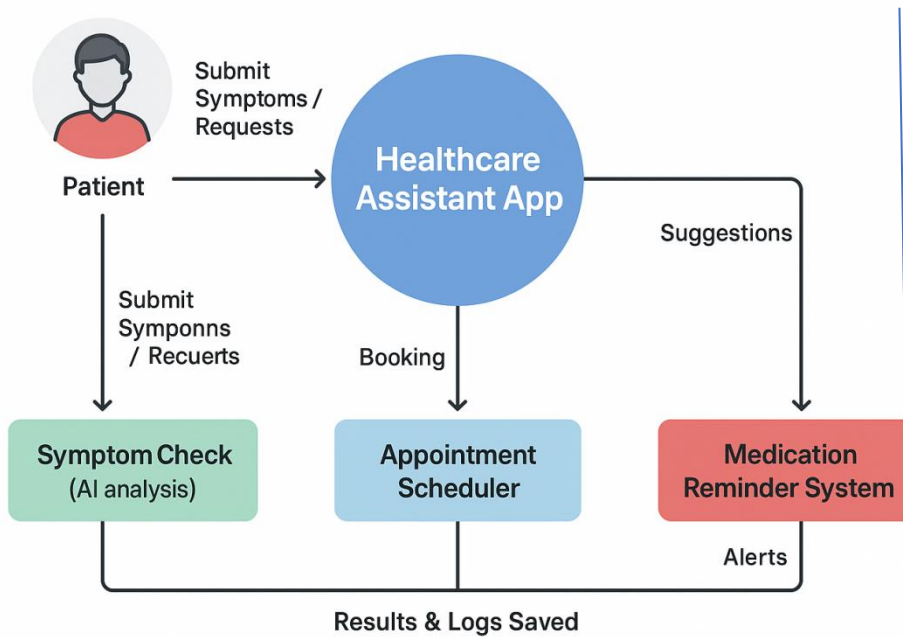
☐ **Data Types** Patient Profile, Symptoms Input, Time Logs, Vitals Data

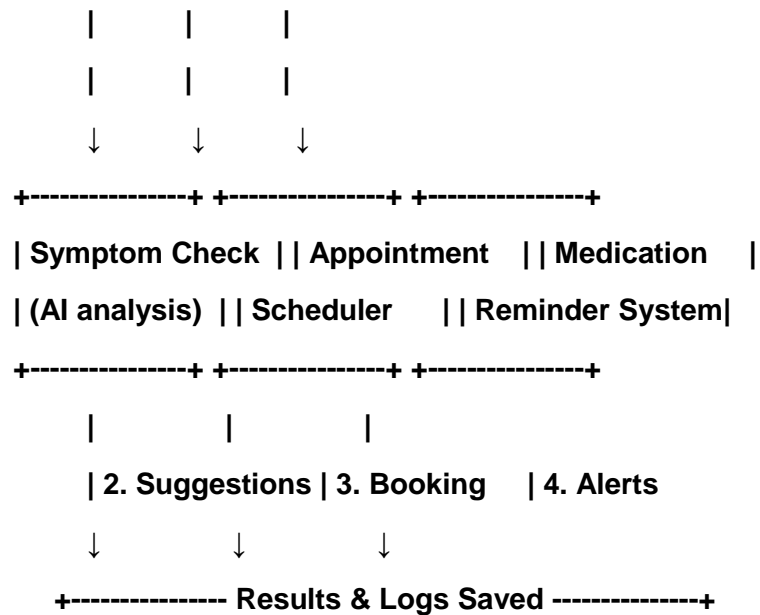
 **Healthcare Focus**      Diagnosis Support, Chronic Care, Remote Monitoring, Prescription Alert

 **Security & Compliance**   HIPAA, Data Encryption, Consent, Audit Logs

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**Would you like a visual DFD image of this structure?**





## User Stories

Use the below template to list all the user stories for the product.


Here are examples of user healthcare stores – platforms, apps, or digital services where users can access healthcare products or services. These can be physical product stores, app-based platforms, or digital health ecosystems.

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## Examples of User Healthcare Store

1. Tata 1mg – Online Pharmacy & Lab Tests – Buy medicines, book lab tests, doctor consultations, manage health records
2. Netmeds – Online Medical Store – Order prescription & OTC medicines, home delivery, health checkups
3. Practo – Healthcare Services Platform – Doctor booking, online consultations, pharmacy, digital health records
4. Apollo 24/7 – Hospital-backed Platform – Offers services linked to Apollo Hospitals, digital prescriptions, lab tests
5. Amazon Pharmacy – General Marketplace – Purchase medicines with prescription uploads, integrated with Amazon delivery
6. Apple Health Store – App Ecosystem – Health app downloads, sync wearables, manage and share health records
7. PharmEasy – eHealth Platform – Medicine ordering, diagnostic test booking, telemedicine services

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 Common Features in Healthcare Stores:


☐ E-prescriptions & digital records

 Medicine delivery

☐ Teleconsultation with doctors

 Lab test booking

 Integration with wearables and health apps

 Digital payments and insurance linking