**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 28 june 2025 |
| Team ID | LTVIP2025TMID32085 |
| Project Name | HealthAI-Intelligent-Healthcare-Assistant-Using-IBM-Granite- |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored..

* **Entities:**
  + User (Patient)
  + Healthcare Provider
  + Database
  + Notification Service
* **Processes:**
  + User Registration
  + Appointment Scheduling
  + Health Monitoring
  + Notification Sending
* **Data Stores:**
  + User Data Store
  + Appointment Data Store
  + Health Records Data Store

*(Note: A visual representation of the DFD should be created separately based on the above entities, processes, and data stores.)*



Example: DFD Level 0 (Industry Standard)

**Example:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)

Diagram

Description automatically generated

**Diagram, timeline

Description automatically generated**

**User Stories**

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

| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance Criteria** | **Priority** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| **Customer (Mobile user)** | **Registration** | **USN-1** | **As a user, I can register for the application by entering my email, password, and confirming my password.** | **I can access my account/dashboard** | **High** | **Sprint-1** |
|  |  | **USN-2** | **As a user, I will receive a confirmation email once I have registered for the application.** | **I can receive a confirmation email & click confirm** | **High** | **Sprint-1** |
|  |  | **USN-3** | **As a user, I can register for the application through Facebook.** | **I can register & access the dashboard with Facebook Login** | **Low** | **Sprint-2** |
|  |  | **USN-4** | **As a user, I can register for the application through Gmail.** | **I can register & access the dashboard with Gmail Login** | **Medium** | **Sprint-1** |
|  | **Login** | **USN-5** | **As a user, I can log into the application by entering email & password.** | **I can access my account/dashboard after logging in** | **High** | **Sprint-1** |
|  | **Dashboard** | **USN-6** | **As a user, I can view my health records and appointment details on the dashboard.** | **I can see my health records and upcoming appointments** | **High** | **Sprint-1** |
| **Customer (Web user)** | **Registration** | **USN-7** | **As a web user, I can register for the application using my email and password.** | **I can access my account/dashboard on the web** | **High** | **Sprint-1** |
|  | **Login** | **USN-8** | **As a web user, I can log into the application using my email and password.** | **I can access my account/dashboard on the web** | **High** | **Sprint-1** |
| **Customer Care Executive** | **Patient Management** | **USN-9** | **As a customer care executive, I can view patient information and appointment status.** | **I can see patient details and appointment history** | **High** | **Sprint-2** |
| **Administrator** | **User Management** | **USN-10** | **As** |  |  |  |