# Project Design Phase-II
## Data Flow Diagram & User Stories
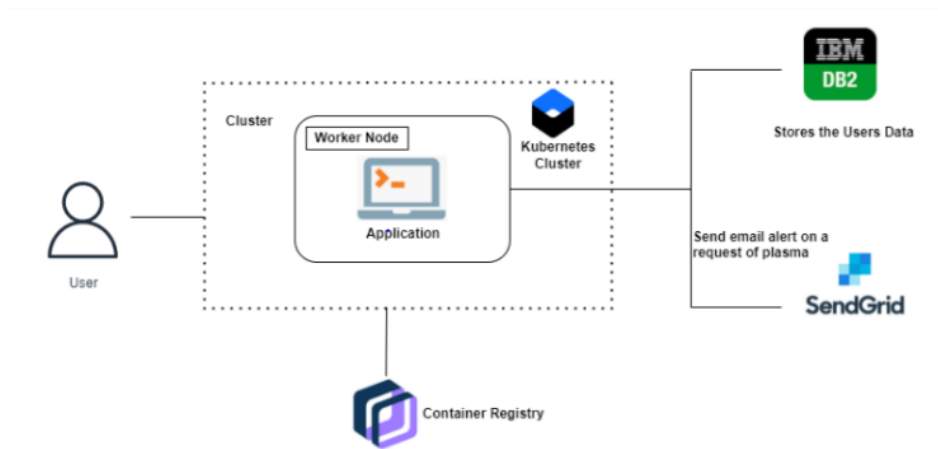
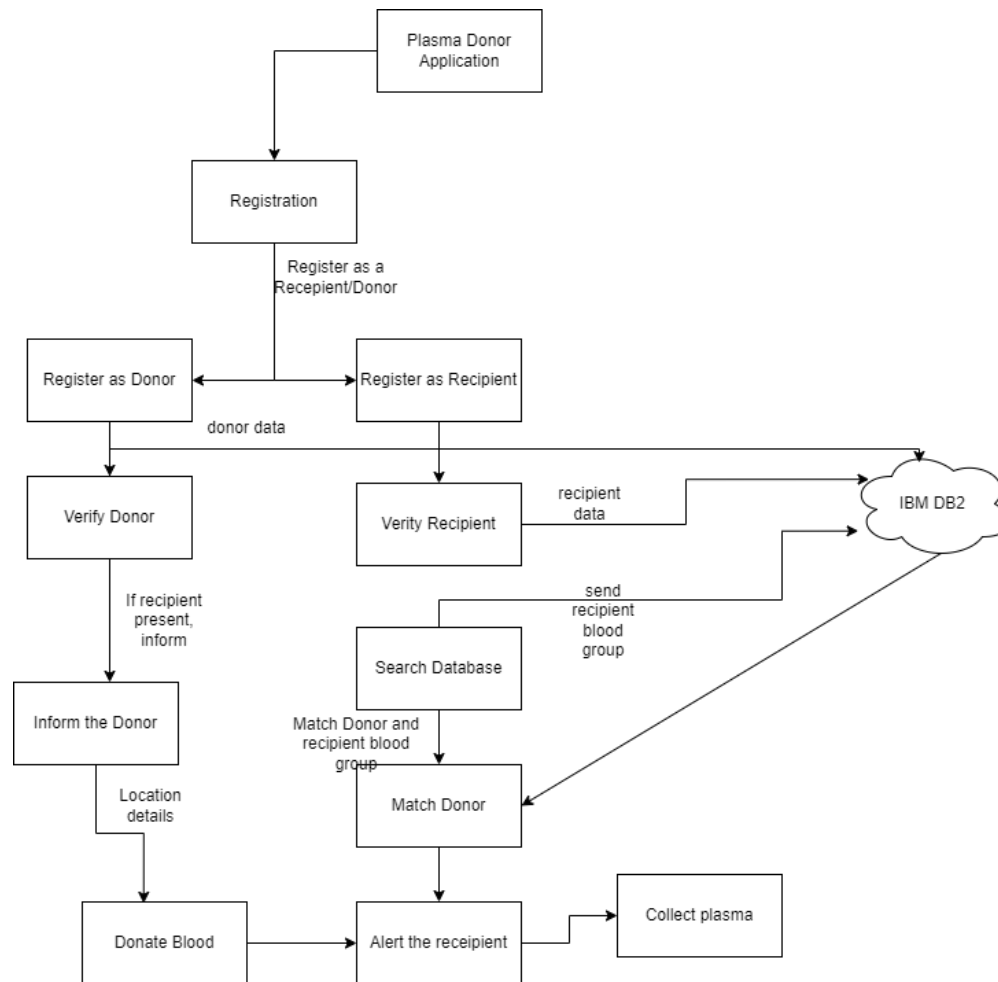| Date | 17-10-2022 |
|---|---|
| Team ID | IBM-Project-9058-1658945281 |
| Project Name | Project – Plasma Donor Application |
| Maximum Marks | 4 Marks |

**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.

**Flow:**

**ARCHITECTURE**

**DFD (LEVEL – 0) :**

**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 |
|---|---|---|---|---|---|---|
| Recipient | Registration | USN-1 | As a user, I can register for the application as a recipient. | I can access my account / dashboard | High | Sprint-1 |
| | Verification | USN-2 | As a user, I will receive verification email once I have registered for the plasma reception. | I can receive confirmation email & click confirm | Medium | Sprint-2 |
| | Notification | USN-3 | As a user, I will be informed about a matching donor through the application. | I can receive notifications on the app. | Low | Sprint-1 |
| | | USN-4 | I will be able to collect plasma in a nearby hospital | I can commute to a hospital. | High | Sprint-1 |
| | | USN-5 | As a user, I will be able to watch various educational videos on the app. | I have a device to update myself with advancements in the health sector. | Low | Sprint-3 |
| Donor | Registration | USN-7 | As a user, I can register for the application as a donor. | I can access my account/dashboard. | High | Sprint-1 |
| | Verification | USN-8 | As a user, I will receive verification email once I have registered for the plasma donation. | I can receive confirmation email. | Medium | Sprint-1 |
| | Notification | USN-9 | As a user, I will be informed about a plasma request through the application. | I can receive notifications on the app. | Low | Sprint-1 |
| | | USN-10 | As a user, I will be receiving several rewards for plasma donation, on the app. | I can avail offers received on the app. | Low | Sprint-4 |
| | | USN-11 | As a user, I will be informed about plasma donation camps near me. | I can attend and assist NGOs and camps. | Medium | Sprint-3 |