**Project Design Phase - I**

**Solution Architecture**

| Date | 19 NOVEMBER 2022 |
|---|---|
| Team ID | PNT2022TMID47116 |
| Project Name | Plasma Donor Application |
| Maximum Marks | 4 Marks |

*Figure 1: Solution Architecture Plasma Donor application – Donor*

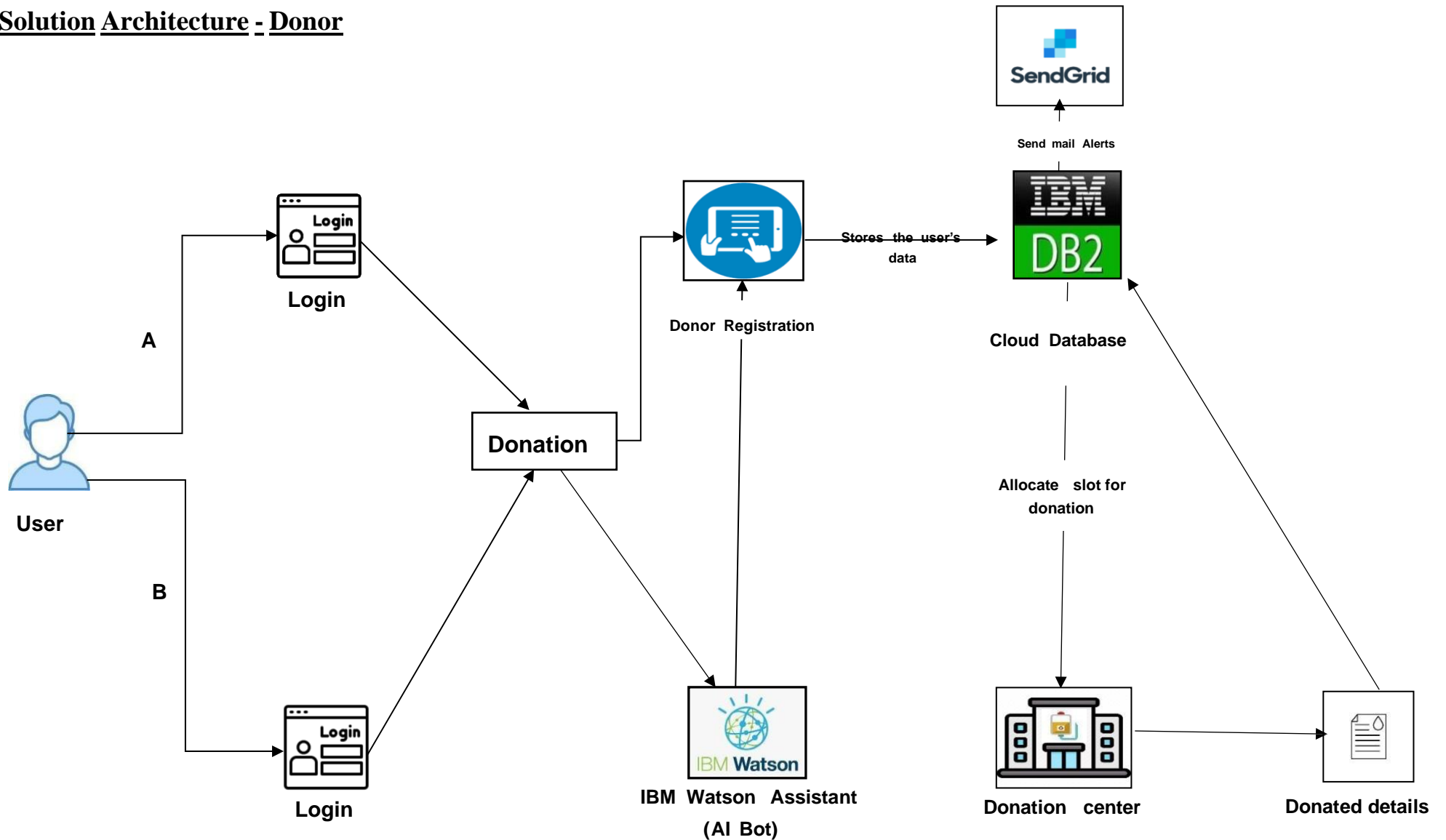*Figure 2: Solution Architecture Plasma Donor application – Recipient*

**SOLUTION ARCHITECTURE**



PROJECT NAME: Plasma Donor Application
TEAM ID: PNT2022TMID47116
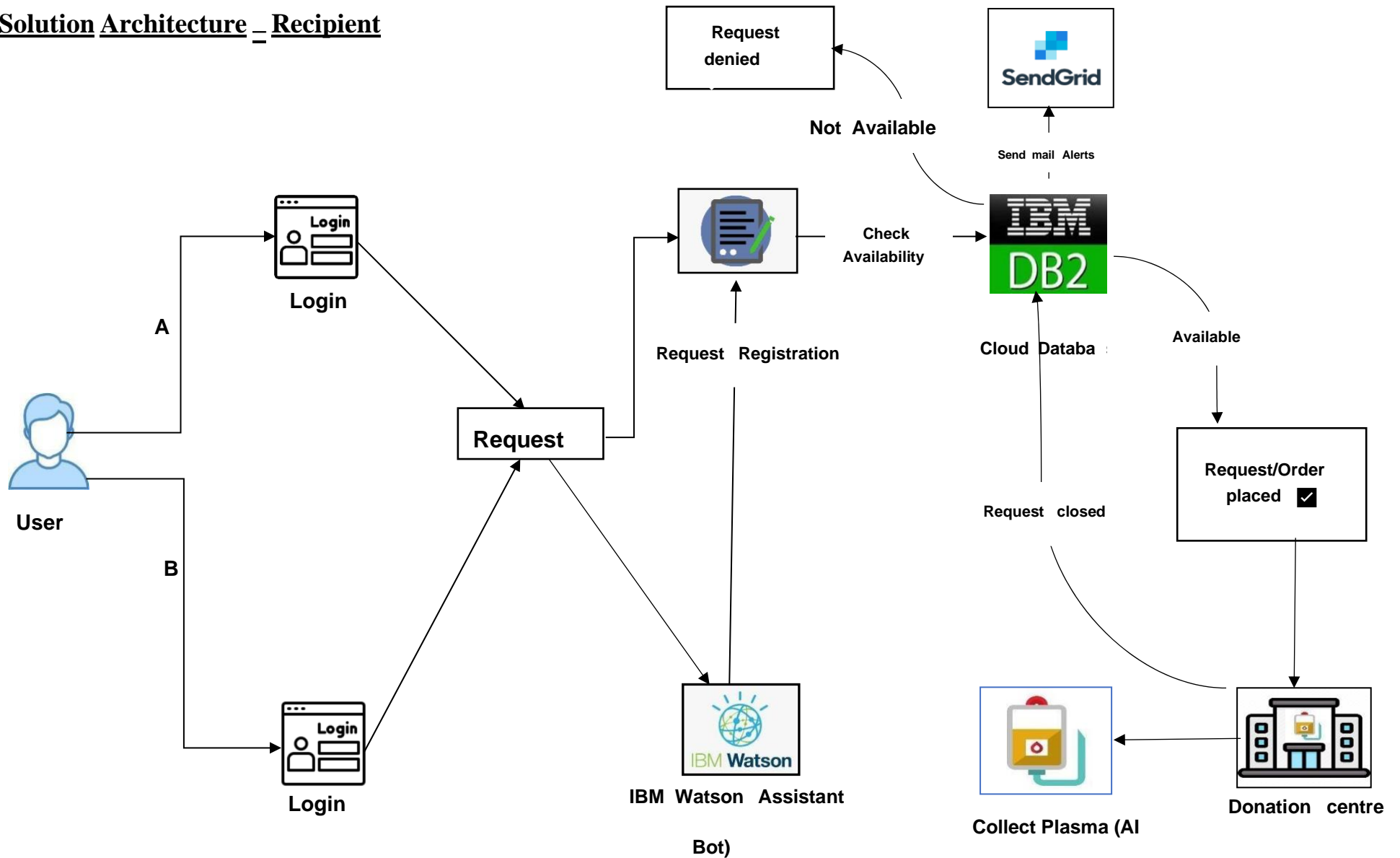
**Solution Architecture - Donor**



**A**

**B**

**User**

**Login**

**Login**

**Donation**

**Donor Registration**

Stores the user's data

**Cloud Database**

Allocate slot for donation

Send mail Alerts

**SendGrid**

**IBM DB2**

**IBM Watson Assistant (AI Bot)**

**Donation center**

**Donated details**

**Team ID: PNT2022TMID47116**

## Solution Architecture _ Recipient

Request denied

SendGrid

**Not Available**

**Send mail Alerts**

**Login**

**Check Availability**

IBM DB2

**A**

**Request Registration**

**Cloud Databa**

**Available**

**User**

**Request**

**B**

**Request/Order placed** ☑

**Request closed**

**Login**

IBM Watson

**IBM Watson Assistant**

**Collect Plasma (AI**

**Donation centre**

**Bot)**

**Option A – User Manually use** **Application**

**Option B – User use the AI Ch**

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