

5.1. Data Flow Diagrams

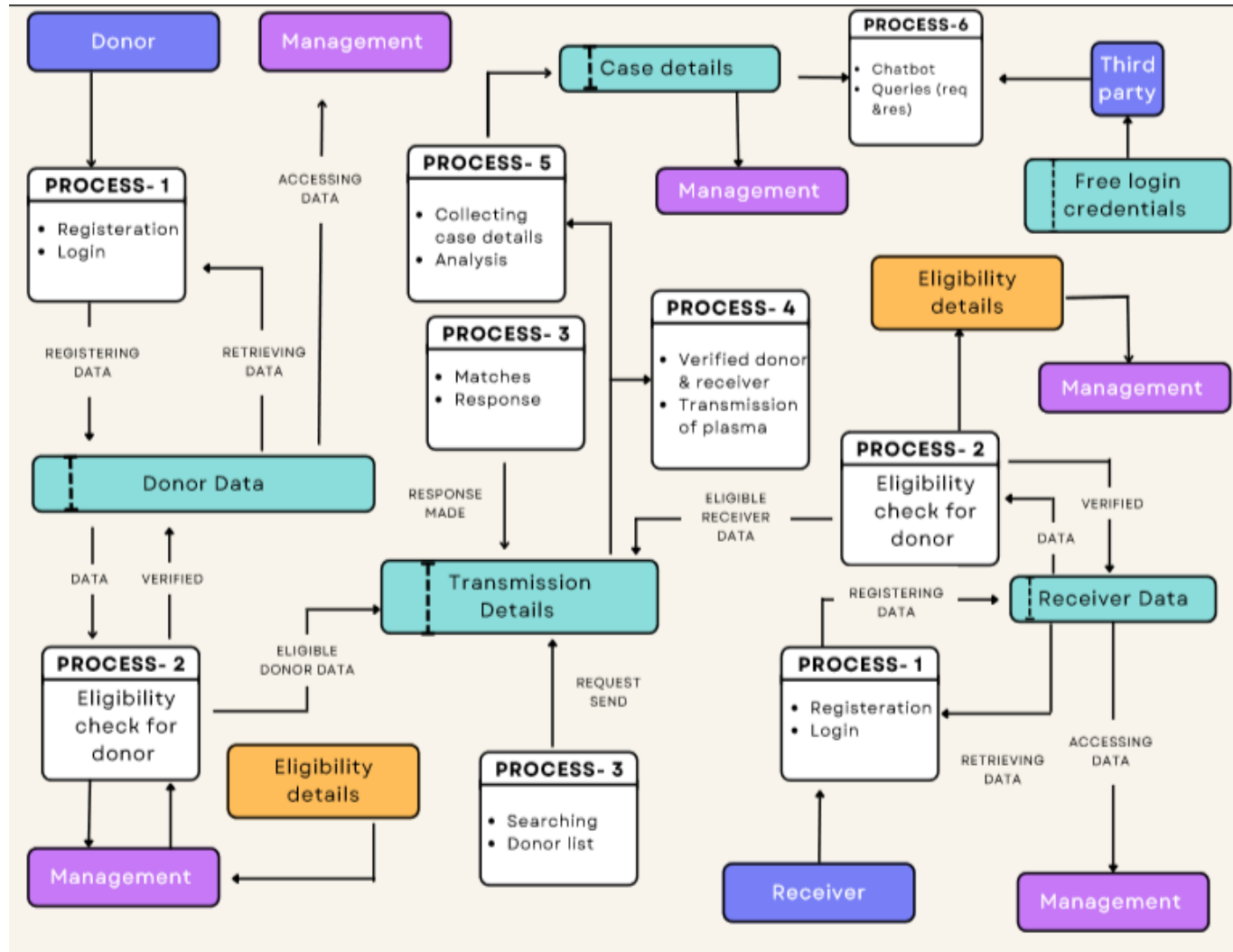


Fig 5.1 Data Flow Diagrams

5.2. Solution & Technical Architecture

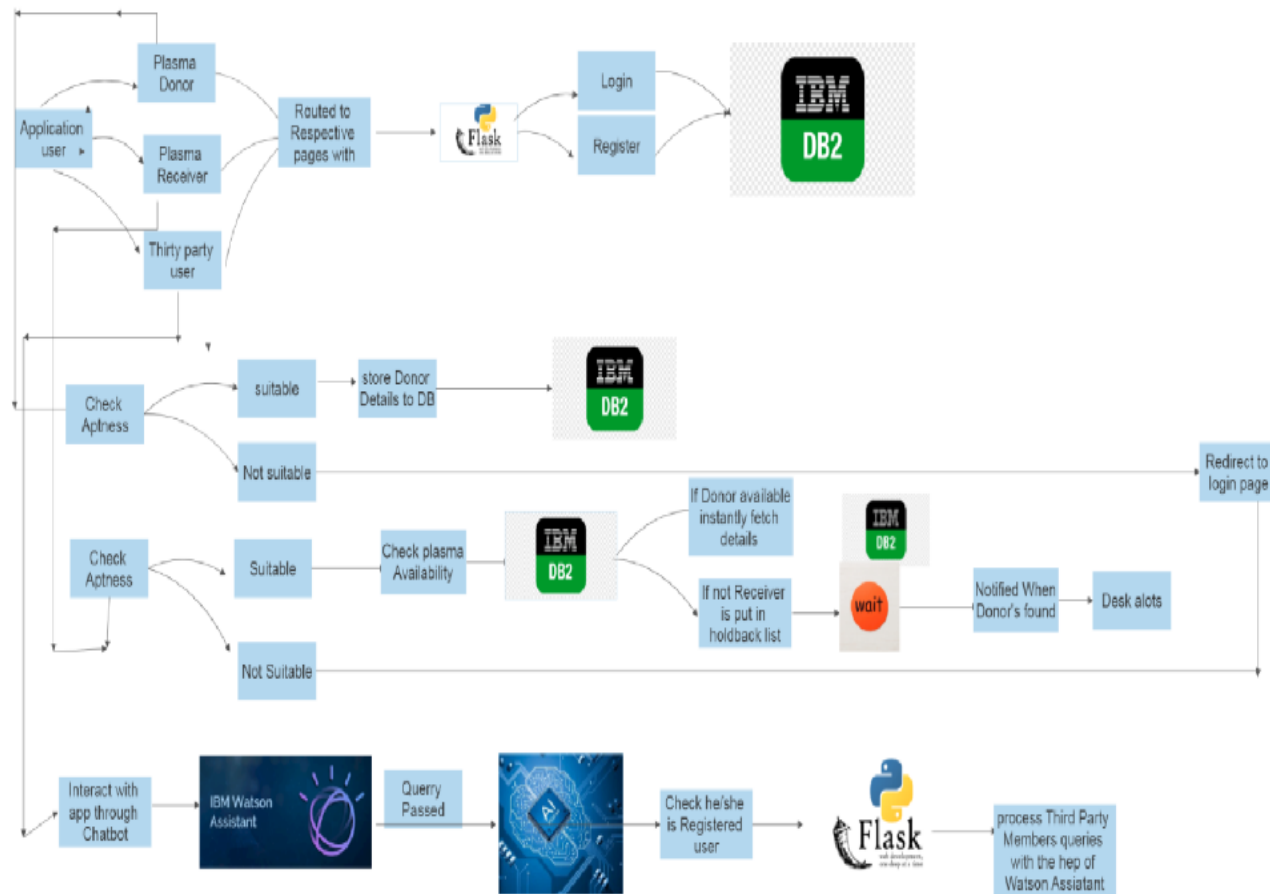


Fig 5.2 Technical Architecture

5.3. User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Plasma Donor)	Registration	USN-1	As a donor, I can register for the application by entering my email /Phone number, password, and confirming my password.	I can create donor account	High	Sprint-1
	Login	USN-2	Registered donor can log into the application by entering donor email & password	I can access my account / dashboard	High	Sprint-1
	Verification	USN-3	As a donor, I can enter my details to check the donor eligibility criteria,	I can check my eligibility to donate plasma	Medium	Sprint-2
	Dashboard	USN-4	User can provide their personal details and location	I can complete my donor profile	Low	Sprint-3
	Acceptance	USN-5	User can accept their willingness to donate plasma	I can receive confirmation email & click confirm	Medium	Sprint-4

User Type	Function/Requirement	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Plasma Receiver)	Registration	USN-1	As a receiver, I can register for the application by providing my email /Phone number, password, and confirm password	I can create receiver account	High	Sprint-1
	Login	USN-2	Registered receiver can log into the application by providing receiver email & password	I can access my account / details	High	Sprint-1
	Verification	USN-3	As a receiver, I can enter my details to check my eligibility criteria	I can check my eligibility to donate plasma	Medium	Sprint-2
	Dashboard	USN-4	User can search the list of available donor	I can choose donor according to convenience	Low	Sprint-3
	Access	USN-5	User can access the available donors list, then they can choose the donor who is nearby	I can receive confirmation and confirm	Medium	Sprint-4
Customer(Third Party)	Registration	USN-1	Third Party user can register for the application by providing my email /Phone number, password, and confirm password.	I can create Third Party account	High	Sprint-1
	Login	USN-2	Registered user can log into the application by providing user email & password	I can access my account	High	Sprint-1
	Query System	USN-3	User can ask their queries via Chabot which is available 24/7 to sort user issues	I can do interrogation	Medium	Sprint-3