

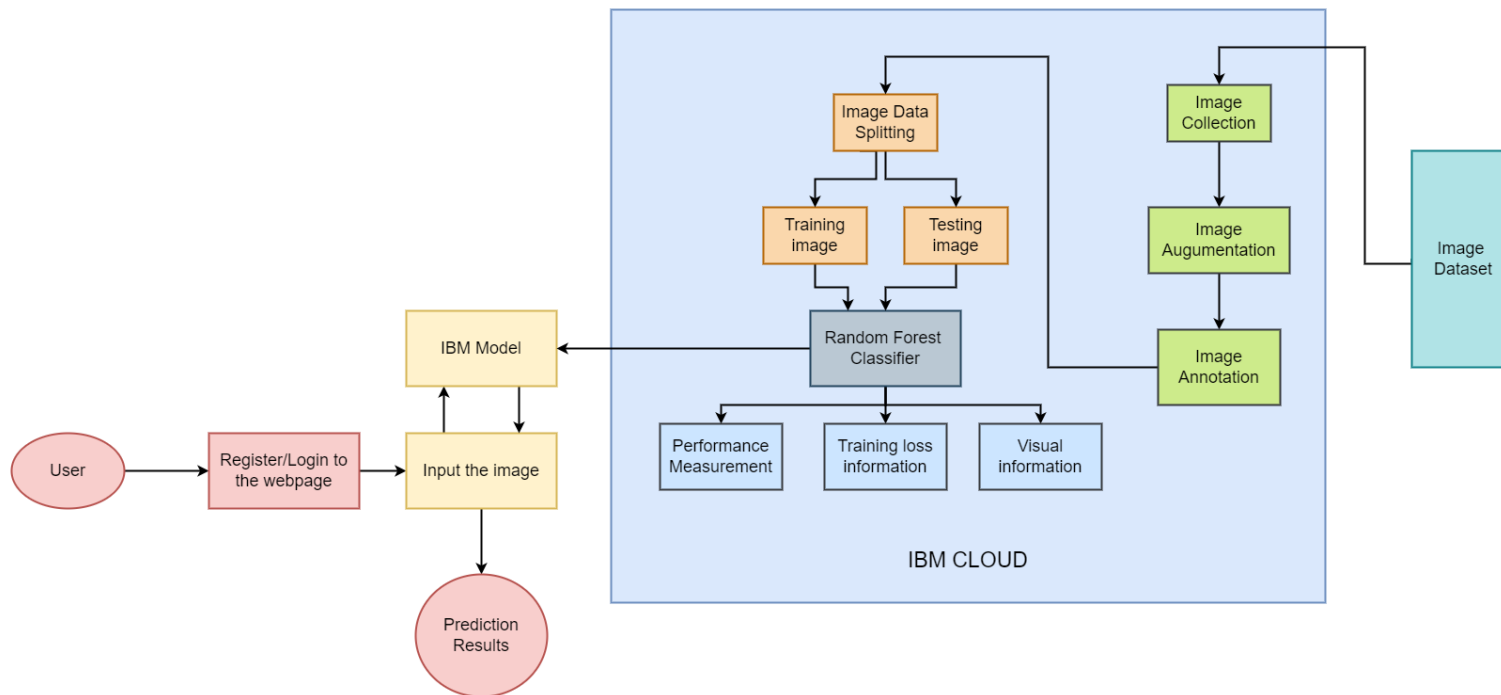
Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID34818
Project Name	Project – Parkinson Detection System
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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Public user)	Account Creation	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
Input data	Adding Data	USN-2	As a user, I can feed my data as the input into the application for it to classify the true and fake data	I can cross verify the data that was entered in the initial step	High	Sprint-1
Data Validation	Checking Accuracy	USN-3	As a user, I can check the ability and accuracy of the model in obtaining the required information	I can login to my account and check the capability of the model	Low	Sprint-2
Classification	Data Classification	USN-4	As a user, I can view the real data	I can verify my data with the real data	Medium	Sprint-2
App Work	Workflow	USN-5	As a user, I can examine the working action of the application model	I can view how the application works and responds to the actions imposed	High	Sprint-2
Image Classification	Checking for the disease	USN-6	As a user, I can verify with the application that the image is identified with the actual disease with the help of the trained and tested data	I can confirm that the data shows the accurate result	Low	Sprint-3
Medical Assistance	Medical Suggestions	USN-7	As a user, I can get medical advises and recommendations to boost the action of curing the disease	I can get enough assistance by getting the suggestions for curing the disease	High	Sprint-3
Forward the Report	Evaluation Reports	USN-8	As a user, I can send the evaluation reports to the doctor for further assistance	I can get the reports forwarded to the doctor	Medium	Sprint-4
Data Extraction	Obtaining the data	USN-9	As a user, I can retrieve the result data from the application for data storage for further medical uses	I can download the result in the form of data as a proof to show to medical teams	Medium	Sprint-4