

Project Design Phase-II

Data Flow Diagram & User Stories

Date	14th October 2022
Team ID	PNT2022TMID19812
Project Name	Project - Detecting Parkinson's Disease using Machine Learning
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.

Data flow diagram – Detecting Parkinson's Disease using Machine Learning



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 (Public user)	Account creation	USN-1	As a user, I can connect my google into the application	I can access my account / application 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 fake data	I can cross verify the data that 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 log into my account and check the capability of the model	Medium	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	Work flow	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's	I can confirm that the data shows the accurate result	Low	Sprint-3
User interaction	AI-powered chatbot	USN-7	As a user, I can interact with the automated chatbot to engage my time till the application processed the accurate result in a meanwhile	I can see the results from the interaction with the chatbot	Low	Sprint-3
Medical assistance	Medical suggestions	USN-8	As a user, I can get medical advises and recommendations for to boost the action of curing the disease	I can get enough assistance by getting the suggestions for curing the disease	High	Sprint-3
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 research uses.	I can download the result in the form of data as a proof to show to medical teams	Medium	Sprint-4

