

## Project Design Phase-II

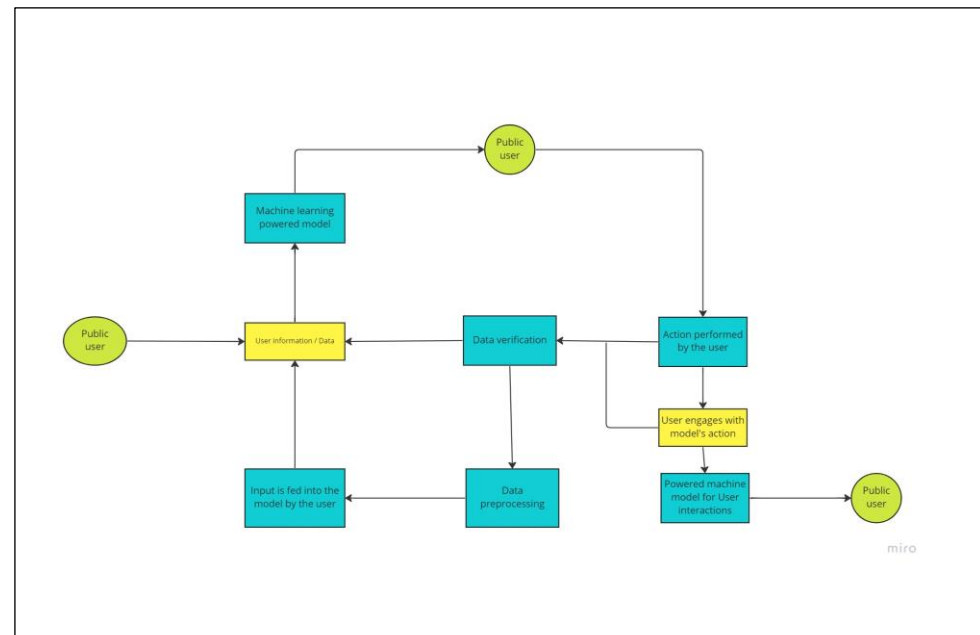
### Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID12773
Project Name	Project – Detecting of 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 (Mobile user)	Account creation	USN-1	As a user ,I can connect my google into the application.	I can access my account / dashboard	High	Sprint-1
Input data	Addition of data	USN-2	As a user ,I can make the data to be fed as an input into the application to classify the true and false samples of data.	I can cross verify the data or information entered in the initial step.	High	Sprint-1
Data validation	Accuracy checking	USN-3	As a user ,I can check the ability and precision of the machine learning model for obtaining the necessary or required information or data.	I can login to my account and check the model's capability.	Medium	Sprint-2
Classification	Data classification	USN-4	As a user ,I can see the actual data or information.	I can verify my data with the actual data.	Medium	Sprint-2
App work	Work flow	USN-5	As a user ,I can examine the working function of the application model.	I can view how the application works and responds to the actions being imposed.	High	Sprint-2
Image classification	Checking the disease	USN-6	As a user ,I can be able to verify with the application that the image is identified with the original disease with the help of trained and tested data samples.	I can confirm that the data gives the accurate or precise result.	Low	Sprint-3
User interaction	Powered machine learning model	USN-7	As a user ,I can interact with machine learning model till the application processes the result in the correct time.	I can view the results from the interaction with powered model.	Low	Sprint-3
Medical assistance	Medical suggestions	USN-8	As a user ,I can get the medical advises and suggestions to boost the action of curing the Parkinson's disease.	I can get enough assistance by getting suggestions for curing the disease.	High	Sprint-3
Data extraction	Obtaining the data	USN-9	As a user ,I can retrieve the result from the application for storage of data for future usage by medical research users.	I can download the result in the form of data to show it as a proof to healthcare team.	Medium	Sprint-4