

PROJECT DESIGN PHASE II
Data flow diagrams and user stories

Date	15/10/2022
Team ID	PNT2022TMID13704
Project name	Detecting Parkinson's disease using Machine learning
Maximum marks	4 marks

Data flow diagrams :

- DFD is stands for Data Flow Diagram
- The flow of data of a system or a process is represented by DFD.
- It also gives insight into the inputs and outputs of each entity and the process itself
- DFD does not have control flow and no loops or decision rules are present
- Specific operations depending on the type of data can be explained by a flowchart



User



Information of the user



Image



Uploading the image



Files



Results are obtained



Accuracy displayed



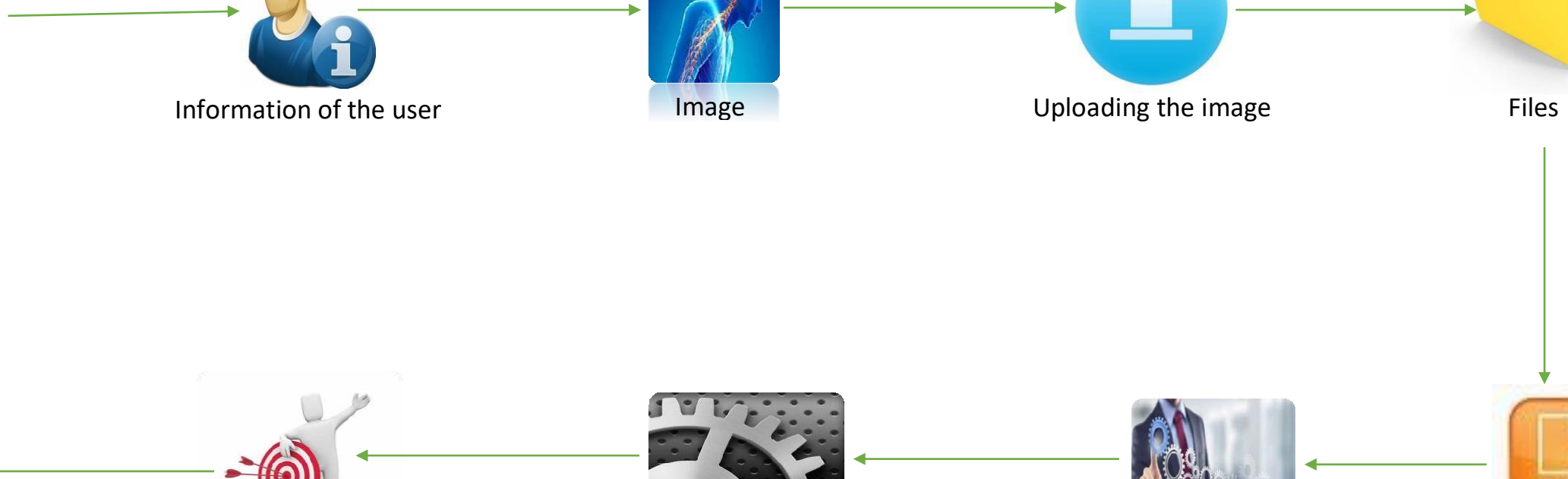
Commencement of the procedure



Image Processing



Uploading the files



User type	Functional requireme nt(Epic)	User story numb er	User story/task	Acceptance criteria	Priority	Release
User	Accou nt creati on	USN-1	User can connect to the application	User can access the account beingcreated	High	Sprint-1
Input data	Adding data	USN-2	Inputs can be given to the systemfor its learning purposes	Data entered could be verified bythe user	High	Sprint-1
Data validation	Checki ng accura cy	USN-3	Ability and accuracy of the modelcan be checked by the user	On logging in to account , thecapability could be checked	Medium	Sprint-2
Classification	Data classificati on	USN-4	Data can be viewed by the user	Verify the user data with real data	Medium	Sprint-2
App work	Work flow	USN-5	Working action of the application model could be viewed	Application working and responses to the actions imposedcan be viewed	Medium	Sprint-2

Image classification	Checking for the disease	USN-6	With the help of trained and testdata ,user can verify with application that the image is identified with the actual image	User can confirm that the data shows accurate results	Low	Sprint-3
User interaction	AI-Powered chatbot	USN-7	User can interact with the automated chatbot to engage mytime till the application processedthe accurate result	Results could be viewed fromthe interactions from the chatbot	Low	Sprint-3
Medical assistance	Medical suggestions	USN-8	User can get medical advises	Enough assistance could beobtained	High	Sprint-3
Data extraction	Obtaining the data	USN-9	User can retrieve the result datafrom the application for data storage	Result could be downloaded inthe form data to be shown to the medical teams	Medium	Sprint-4