

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID52612
Project Name	Detecting Parkinson Disease Using Machine Learning
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Input	Application obtains the data from the user
FR-2	Data Processing	Application processes the images and voice data and prepares it for data classification
FR-3	Data classification	Application classifies the data by giving the user input to the pre-trained ML model
FR-4	Report Generation	Application generates a report for the person with the prediction that has been made by the model

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application is user-friendly and has a good user interface
NFR-2	Security	Customers details are kept confidential and protected
NFR-3	Reliability	The application is monitored periodically in terms of its constant prediction ability, quality and availability to the user.
NFR-4	Performance	Quick and highly accurate prediction
NFR-5	Availability	Application can be used at any time and any place with good internet connectivity
NFR-6	Scalability	Application's performance doesn't decrease as the number of users at a time increases.