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

Date	03 October 2022
Team ID	PNT2022TMID32593
Project Name	Detecting Parkinson's 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 Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	User needs to log in to the website using the registered email.
FR-4	Upload the Image	User need to draw spiral or wave pictures and upload them to the website for prediction
FR-5	Predicting	Prediction will be done based on the drawn images.
FR-6	Result after prediction	The result will be provided immediately after the prediction of whether the user is having Parkinson's disease or not.
FR-7	Suggestion and Report generation	Suggestions of doctors and the report of the user can be downloaded.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Our Website can be easily accessed by everyone,irrespective of any technical knowledge.
NFR-2	**Security**	The details provided by the user are securely maintained.
NFR-3	**Reliability**	The prediction provided by this system will be accurate.
NFR-4	**Performance**	This model can give results for a large number of inputs with a high rate of accuracy and high performance.
NFR-5	**Availability**	This Website is freely(Open Source) available for all users.
NFR-6	**Scalability**	This Website can handle a large number of users and work efficiently.