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

Date	03 October 2022
Team ID	PNT2022TMID10815
Project Name	Project – 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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Authentication	Verify the user
FR-4	Provide hand drawn images	Give input to the application to check for the disease
FR-5	Detection of the disease	Accuracy of the disease is shown with future precautions

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
NFR-2	**Security**	Data is secured and confidential
NFR-3	**Reliability**	Prevent the model from moving into production
NFR-4	**Performance**	Detection of the disease is accurate
NFR-5	**Availability**	Deployed in cloud so it is accessible
NFR-6	**Scalability**	Application performs well under an increased workload