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

Date	03 October 2022
Team ID	PNT2022TMID00774
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	environment independent	It often a calculation, data manipulation, business process, user interaction, or the other specific functionality which defines what function a system is probably going to perform.
FR-2	Testing	Applying the algorithms on the test data
FR-3	Confirmation	Display the result with the description of having Parkinson's or not.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The nervous system conditions (neurologist) will diagnose Parkinson's disease based on your medical history, a review of your signs and symptoms, and a neurological and physical examination.
NFR-2	**Security**	Parkinson symptoms make falls more likely. Safety improvements around the house can help. But if you start having frequent falls, talk to your doctor. He or she may recommend physical therapy.
NFR-3	**Reliability**	Low diagnostic accuracy is particularly relevant in the early stages of disease and presumably in older patients.
NFR-4	**Performance**	This enables easy and early detection of disease which can significantly improve symptoms and quality of life.
NFR-5	**Availability**	The system uses the drawing of a person and analyses the pattern.
NFR-6	**Scalability**	It can be implemented using any we framework and we framework and we can be made available to everyone in need.