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

Date	15 October 2022
Team ID	PNT2022TMID24541
Project Name	Detecting Parkinsons 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	Data collection and storage	The data collected from the registration phase is stored and diagnosis is provided according to their state of disease.
FR-4	Image reccomendation	All the possible diagnosis are provided and are further steps for reducing the risk is implemented

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The dashboard of the application provides all the required tests to be taken and the images to be uploaded allowing the user to give all his details and know the criticality of the disease
NFR-2	**Security**	The security of the application is designed in such a way that the user can store their sensitive information and use that for further diagnosis
NFR-3	**Reliability**	This application is highly reliable as it provides various disease curability suggestions instant doctor application and various other functions
NFR-4	**Performance**	The loading time of application is very reliable allowing it to be highly usable and user-friendly
NFR-5	**Availability**	The availability of service and the suggestion is clearly provided allowing it to be the best

		application for detecting the disease and its diagnosis
NFR-6	**Scalability**	The cloud storage is highly scalable allowing it to expand the application according to the needs of the users registering allowing it to be one of the flexible and scalable unit