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

Date	12 October 2022
Team ID	PNT2022TMID18356
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 Registration through Phone Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User permission	Allow the Camera
FR-4	User Details	Get user Name Get user Age Get user Gender Get user Address Get user Location Get user Mobile Number Get user Gmail id
FR-5	User Known value (Accurate/Approximate)	Get user BP level Get user sugar level Get user Physical Health Condition Get user Disorder / Disabilities detail

FR-6	User Motion Capture	The Motion of the User is recorded and the result will be added in Final Overall result
FR-6	User Drawings (Spiral / Circle)	The Drawing pattern and speed was noted and result will be added
FR-7	User Demand	After Getting the Result , the Affected person need to consult a Doctor. The Non-Affected person need some medication which will show in same web application itself

Non-functional Requirements:

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

FR No.	**Non-Functional Requirement**	**Description**
NFR-1	**Usability**	Our Web application is User Friendly which show them demonstration skippable video
NFR-2	**Security**	We don’t share the image and user details
NFR-3	**Reliability**	Our web application have high accuracy which can be utilized multiple times
NFR-4	**Performance**	By using better algorithm and collecting lot of details, Our web application provide more accuracy than all.

NFR-5	**Availability**	Our web application can be used by using Mobile phones itself. It doesn’t need any external material
NFR-6	**Scalability**	Our web applicaton can be used by world wide with easy to access it .