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

Date	14 October 2022
Team ID	PNT2022TMID38741
Project Name	Detection of Parkinson's Disease using Machine Learning
Maximum Marks	-

Functional Requirements:.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through Phone
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Call
FR-3	User details collection	Collection through forms Collections through google Upload to database
FR-4	Test application Form	Collect details Collect Payment fee if applicable Proceed to test window if payment done
FR-5	Upload image	Upload through files Upload through camera Draw on screen
FR-6	Test report generation	Classify the given image Associate with database Generate report

Non-functional Requirements:.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Any smart phone with adequate camera requirements and networks access
NFR-2	Security	Cloud based communication hence secure as it is already provided by cloud vendor
NFR-3	Reliability	Reliable as the machine learning model is accurate
NFR-4	Performance	Fast as classification is efficient
NFR-5	Availability	Supports remote locations as it is web based
NFR-6	Scalability	Highly scalable and with more images, the model's accuracy can be improved