

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

Team ID	PNT2022TMID24632
Project Name	Project -Detecting Parkinson's Disease using Machine Learning
Maximum Marks	4 marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User registration	Register through web app
FR-2	User confirmation	Email is sent to the user about registration details
FR-3	User uploading voice as input	Through voice device or from drive
FR-4	On the microphones	When it receive the voice it predict and produces the output

Non-functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	This software will be easy to use for all users with minimal instructions. User experiences are assessed in a mixed methods approach with patients and experts.
NFR-2	Security	The user of the system should be provided the surety that their account details are secure. The System will provide security against cross site request forgery
NFR-3	Reliability	This software will be operable in all conditions. Regardless of the person physically challenged(who can't speak)
NFR-4	Performance	This software will minimise the number of calculations used to perform with more accuracy and processed fast.
NFR-5	Availability	This software will be available to all operating systems. While it currently has a relatively limited role in direct patient care, its evolving role in Complex clinical decision making.
NFR-6	Scalability	This software will be enterprise scalability of AI development and deployment.