

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

Date	15 October 2022
Team ID	PNT2022TMID09983
Project Name	Detecting Parkinsons Disease using Machine Learning
Maximum Marks	4 Marks

**Functional Requirements:**

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Link ( HTML page )
FR-2	User Confirmation	Confirmation via Email
FR-3	Upload voice as input	Add voice Device or through Drive
FR-4	Microphone on	When the microphone is on it recognize the voice and return the required output.

**Non-functional Requirements:**

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	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	<b>Security</b>	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	<b>Reliability</b>	This software will be operable in all conditions. Regardless of the person physically challenged(who can't speak)
NFR-4	<b>Performance</b>	This software will minimize the number of calculations used to perform with more accuracy and processed fast.
NFR-5	<b>Availability</b>	This software will be available to all operating system. While it is currently has a relatively limited role in direct patient care, its evolving role in Complex clinical decision making.
NFR-6	<b>Scalability</b>	This software will be enterprise scalability of AI development and deployment.