

Project Design Phase-II
Solution Requirements (Functional and non-functional)

Date	15 October 2022
Team ID	PNT2022TMID28464
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	Image upload	The drawings drawn by the user are uploaded here for analyses.
FR-2	Parkinson prediction	User drawings are used to detect it by the model
FR-3	Result Generation	With the given data the result can be generated as whether the person is healthy or affected.

Non-Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user interface is easy to operate and user-friendly.
NFR-2	Security	The data given by the user will be very secure.
NFR-3	Reliability	Failure is not vital and user can access by refreshing.
NFR-4	Performance	Load time for the user interface screen will be not more than 2 seconds.
NFR-5	Availability	Maximum down time will be about 1 hour.
NFR-6	Scalability	System can handle about 1000 users at a given time.