

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

Date	20 October 2022
Team ID	PNT2022TMID38048
Project Name	Project - Statistical Machine Learning Approaches to Liver Disease Prediction
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Registration through Form
FR-2	User Confirmation	Confirmation via Email
FR-3	User Profile	Filling the profile page after logging in
FR-4	Uploading dataset	Patient data needed to upload
FR-5	Requesting solution	Patient data is compared with pre-defined data and solution is generated
FR-6	Solution display	The predicted solution is displayed on the screen

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system allows the user to perform the tasks easily, effectively and efficiently.
NFR-2	Security	Assuring all data inside the system or its parts to be protected against malware attacks or unauthorized access.
NFR-3	Reliability	The website does not recover from failure quickly as it is running on a single server.
NFR-4	Performance	Response time and net processing time is fast.
NFR-5	Availability	The system will be available upto 95% of time
NFR-6	Scalability	The website is scalable