

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

Date	03 October 2022
Team ID	PNT2022TMID15553
Project Name	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 (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Requirement	It is mandatory for the users
FR-2	User Capturing type	It is captured in the use case for user capturing type
FR-3	User End-result	Product the features
FR-4	User Capturing	Easy to capture the images
FR-5	User Objective	Helps you to verify the functionality of the software.
FR-6	User Area of focus	Focus on the user requirement for the Analysis.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Usability is a non-functional requirement, because in it doesn't specify the parts of system functionalities , only how that functionalities and efficient is to be perceived by the user, for instance how easy it must be to learn carried out user tasks.
NFR-2	Security	Security is a non-functional requirement assuring all data inside the system ,will be protected against malware attacks and unauthorized access for instances.
NFR-3	Reliability	Reliability is the extent to which the software system consistently performs the specified functions without any failure and without the malware.Reliability requirements addresses the user concern for the system's immunity to failure and unauthorized attacks.
NFR-4	Performance	Below are the product's non-functional requirements: Performance: The website's loading time should not be more than one second for user. Reliability: Applicants can access their resume 98% of the time without any failure. Availability: Employers can post jobs on the website throughout the week at any time during the whole day.
NFR-5	Availability	Availability describes how likely the system is accessible to a user at the given point at that time. While, you may also define it as a percentage of time the system is accessible for operation during some period of time.
NFR-6	Scalability	Scalability is the ability of the applicants to handle an increase in workload without performance decrease, or its ability to quickly enlarge.