

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	21-05-2023
Team ID	NM2023TNID06489
Project Name	Cancer Vision : Advanced Breast Cancer Prediction with Deep Learning

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">• Registration through Form• Registration through Gmail• Registration through LinkedIn
FR-2	User Confirmation	<ul style="list-style-type: none">• Confirmation via Email• Confirmation via OTP
FR-3	User Term and policy acceptance	<ul style="list-style-type: none">• Term and policy acceptance through the link• Term and policy acceptance through the app
FR-4	User Business Rules	<ul style="list-style-type: none">• Should accept the business rules through the app
FR-5	User Working	<ul style="list-style-type: none">• working on the app

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">➤ The web application should be a responsive web application➤ The web application must provide various languages to every user

NFR-2	Security	<ul style="list-style-type: none"> ➤ The web application should be https protocol ➤ Functional Requirements provide details of how a product should behave and specify what is needed for development. ➤ Quality-of-Service Requirements detail what characteristics a product must maintain in order to maintain its effectiveness and any constraints.
NFR-3	Reliability	<ul style="list-style-type: none"> ➤ The system should update and show the booking seats real-time ➤ And It is a one -way data flow that can be understood by just one look ➤ It should be Reliable
NFR-4	Performance	<ul style="list-style-type: none"> ➤ The web application should be fast and respond to users with in 1 second ➤ The web application should have Hot Module Replacement(HMR) feature
NFR-5	Availability	<ul style="list-style-type: none"> ➤ The web server should be available for 24 hours ➤ The web server should support every platform and could be opened on mobile phones, tablets, and PC
NFR-6	Scalability	<ul style="list-style-type: none"> ➤ The application should be easily implemented by other IT professionals for further uses no matter what platform it is ➤ The database of the application should be able to deal with an enormous and increasing amount of data

NFR-7	Convenience	➤ The web application should provide various ways of making a payment for the customers such as using PayPal or Mastercard
NFR-8	Modifiability	➤ The web server should provide admin page for the administrator to modify and manage data