

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

Date	19 October 2022
Team ID	PNT2022TMID26245
Project Name	Deep learning fundus image analysis for early detection of diabetic retinopath
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 Registration	Registration through Form Registration through Gmail
FR-2	User medical details	The users thyroid, sugar and blood pressure
FR-3	User personal details	The user's personal detail are fetched such as age, gender, phone number etc.
FR-4	Accurate report	Deals with the accuracy in the prediction
FR-5	Navigation	User friendly website where the user can easily navigate between the pages

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User can know the range before entering their own report and can easily navigate.
NFR-2	Security	The user data is very secured .It is accessed only the user and company
NFR-3	Reliability	The result or the report given is very reliable
NFR-4	Performance	Deals with the front-end load time and fast return of result of the report
NFR-5	Availability	All the reports and result will be available in user's log in
NFR-6	Scalability	Collecting response from user