

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

Date	10October 2022
Team ID	PNT2022TMID48615
Project Name	Classification of Arrhythmia by using deep learning with 2-D ECG spectral image representation.
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 feed image	Done through mail
FR-2	User Confirmation	Confirmation via Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	We did not specify parts of the system functionality, only how that functionality is to be perceived by user.
NFR-2	Security	The system must able to accommodate larger volumes over time. The security on their databases may include firewalls to prevent unauthorized access.
NFR-3	Reliability	Highly reliable functions with same or similar efficiency after extensive use. We can assess a device reliability: i)Percentage of probability of failure. li) Number of critical failures
NFR-4	Performance	It defines attribute of software system.
NFR-5	Availability	It describes how the system is accessible to a user at a given point in time.
NFR-6	Scalability	It is the ability to appropriately handle increasing workloads.