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

Date	30 October 2022
Team ID	PNT2022TMID07985
Project Name	GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
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	**Epochs**	An integer and number of epochs we want to train our model for.
FR-2	**Validation data can be either**	- An inputs and targets list - A generator - An inputs, targets, and sample weights list which can be used to evaluate - the loss and metrics for any model after any epoch has ended.
FR-3	**Validation Steps**	Only if the validation_data is a generator then only this argument can be used. It specifies the total number of steps taken from the generator before it is stopped at every epoch and its value is calculated as the total number of validation data points in your dataset divided by the validation batch size.
FR-4	**Evaluation is a process**	During development of the model to check whether the model is best fit for the given problem and corresponding data. Load the saved model using load_model

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should be easy to install and simple to use
NFR-2	**Security**	The system should authenticate users
NFR-3	**Reliability**	The system should perform the intended tasks for a specific.
NFR-4	**Performance**	The system should perform well under different

NFR-5	**Availability**	The system should be available all the time when required.
NFR-6	**Scalability**	The system should be able to add new features.