

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

Date	21 October 2022
Team ID	PNT2022TMID36912
Project Name	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA
Maximum Marks	4 Marks

Functional Requirements:

Following square measure the purposeful needs of the projected resolution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
FR-2	User Confirmation	Confirmation via Email or Confirmation via OTP
FR-3	User Login	Login exploitation the given credentials
FR-4	Dataset	Upload the dataset to the dashboard
FR-5	Analysis	Data is pre-processed and clean. Once cleanup the exploration method is dole out
FR-6	Prediction	Machine learning rule is employed for prediction
FR-7	Visualization	Visualization of the prediction is shown within the dashboard created exploitation IBM Cognos Analytics

Non-functional Requirements:

Following square measure he non-functional needs of the projected resolution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboards square measure created so as to show the length of stay prediction in a visual manner. So, the predictions are often simply understood

NFR-2	Security	The dataset uploaded to the dashboard can't be downloaded or accessed by external sources.
NFR-3	Reliability	A dashboard created once the prediction method can be additional reliable and shows the result clearly and effectively.
NFR-4	Performance	the prediction has additional accuracy.
NFR-5	Availability	Predicted informations are going to be obtainable a few time once the prediction.
NFR-6	Scalability	This system can predict the length of stay of all kinds of patients