TOPIC:

ANALYTICS FOR HOSPITAL HEALTHCARE-PNT2022TMID230840

SOLUTION REQUIREMENTS:

FUNCTIONAL REQUIREMENT:

FOLLOWING ARE THE FUNCTIONAL REQUIREMENTS OF THE PROPOSED SOLUTION.

FUNCTION NUMBER	FUNCTIONAL REQUIREMENT	SUB REQUIREMENT
FN.NO-1	USER REGISTRATION/LOGIN	REGISTER AFTER OPENING THE APPLICATION
FN.NO-2	USER DETAIL	PROVIDE DETAIL ABOUT HEALTH STATUS AFTER REGISTRATION BY SELECTING AND SPECIFY ABOUT IT
FN.NO-3	CAPTURING IMAGE	CAPTURE THE IMAGE AND CHECK THE PARAMETERS OF THE CAPTURED IMAGE.
FN.NO-4	IMAGE PROCESSING	UPLOAD THE IMAGE FOR PROCESSING
FN.NO-5	IMAGE IDENTIFICATION	IDENTIFY THE DISEASE FROM THE IMAGE WHICH HAS BEEN CAPTURED
FN.NO-6	IMAGE DESCIPTION	PROVIDE THE PRESCRIPTION FOR THE PATIENT

NON-FUNCTIONAL REQUIREMENT:

FOLLOWING ARE THE NON-FUNCTIONAL REQUIREMENT OF THE PROPOSED SOLUTION

NON - FUNCTION NUMBER	NON-FUNCTIONAL REQUIREMENT	SUB REQUIREMENT
NFN.NO-1	USABILITY	DATASET OF ALL USERS TO IDENTIFY THE STATUS AND DETAILS OF THE PATIENT.
NFN.NO-2	SECURITY	THE INFORMATION AND THE HEALTH STATUS OF USER AND DETAILS ARE SECURED HIGHLY.
NFN.NO-3	RELIABILITY	THE IMAGE QUALITY IS IMPORTANT TO PROVIDE THE HEALTH DETAILS ABOUT THE PATIENT.
NFN.NO-4	PERFORMANCE	PERFORMANCE IS BASED ON THE PATIENT STATUS AND THE DISEASE THAT IS SCANED.
NFN.NO-5	AVAILABILITY	IT IS AVAILABLE FOR ALL THE USER TO CHECK THE STATUS ABOUT THEIR HEALTH AND GET THE PRESCRIPTION.
NFN.NO-6	SCALABILITY	INCREASE THE PREDICTION OF DETAILS OF THE PATIENTS.