# TOPIC:

**ANALYTICS FOR HOSPITAL HEALTHCARE- PNT2022TMID23028**

**SOLUTION REQUIREMENTS:**

## FUNCTIONAL REQUIREMENT:

FOLLOWING ARE THE FUNCTIONAL REQUIREMENTS OF THE PROPOSED SOLUTION.

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| 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

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| 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. |