

**Acceptance Testing  
UAT Execution & Report Submission**

Date	15 November 2022
Team ID	PNT2022TMID07721
Project Name	Project - Analytics of hospital health care data
Maximum Marks	4 Marks

## 1) Predictive Analysis

Predictive Analysis made using google colab will predict the length of stay of patients along with the visualizations made by IBM cognos

- 1.Age of the person
- 2.Bed availability
- 3.Severity of illness
- 4.Ward availability
- 5.Department

## 2) Defect Analysis

This report shows the number of resolved or closed bugs at each severity level, and how they were resolved

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	8	1	1	0	10
Duplicate	3	0	1	1	5
External	1	2	1	1	5
Fixed	4	0	6	3	13
Not Reproduced	1	1	0	1	3
Skipped	1	1	0	0	2
Won't Fix	0	1	2	1	4
Totals	18	6	11	7	42

### 3)Test Case Analysis

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
design	6	2	2	2
dashboard	12	3	0	9
responsiveness	11	1	0	10
Exception Reporting	15	5	0	10
Final Report Output	12	4	0	8

## Test cases

- Whether the patient has previous medical record in hospital database if not newly admitted patients with new records
- Will the Hospital Management get better understanding by getting Interactive Dashboard , Report , Story ,
- Verify the predictive model predicted the Length of Stay
- Verify the analytics done has much accuracy
- Verify the no of beds are managed with the number of patients admitted data
- Verify the web application has good connection with IBM Cognos .

Test Case	Feature Type	Component	Test Scenario	Actual Result	Status	TC for Automation (Y/N)	BUG ID	Executed By
Database creativity and DB2 Connectivity	Functional	IBM Cloud	DB2 connectivity and data uploading	Successful	Pass	Y	-	Savitha P
Interactive Dashboard Creation	Functional	IBM Cognos	Creating Insights from the dashboard	Insights are displayed	Pass	Y	-	Dharshan Prasath H
Webpage Designing	Functional	Visual Code studios	Website compatible to problem statement	Working	Pass	Y	-	Abisha R

Data Cleaning	Functional	IBM Cognos	Checking with NULL Values	Some NULL values are unidentified	Fail	N	BUG -141	Dhayalini P U
Data Exploration and Visualization	Functional	IBM Cognos	Checking data items in graphs	Working	Pass	Y	-	Dhayalini P U
Predictive analysis to predict (LoS)	Functional	Google colab	Training the model with Dataset	Provides results with accuracy	Pass	Y	-	Dharshan Prasath H
Synchronizing IBM Cognos with web application	Functional	Visual Code Studio	iframe sync	Working	Pass	Y	-	Savitha P

