Project Design Phase-I
Proposed Solution
Template

Date	8-10-2022
Team ID	PNT2022TMID51053
Project Name	Analytics for Hospitals' Health-Care Data
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To provide a deep analysis on the research field of healthcare data analytics and to improve healthcare performance in many areas such as medical operations, reports, decision making, prediction and prevention system.
2.	Idea / Solution description	Create app-based solution to predict the length of Stay for each patient on case by case basis so that the Hospitals can use this information for optimal resource allocation and better functioning. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.
3.	Novelty / Uniqueness	Hospital Resource Management using Cognos Analytics and Anaconda Navigator
4.	Social Impact / Customer Satisfaction	Easy access to hospital resources, proper treatment, Timely service for patients
5.	Business Model (Revenue Model)	This project minimise the labor cost. This project can be made with minimum cost.
6.	Scalability of the Solution	In this project we analysis the dataset of the hospital and required dashboard are built. This helps the patient to know the availability of rooms using the patient id. We can know about the patient's previous illness. We can also verify the admission rates.