

Project Design Phase-I
Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID29950
Project Name	Project – Analytics for Hospitals' Health-Care data
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Three hospital beds are assigned to a certain section of a hospital, for use as an Intensive Care Unit (ICU) for critical care patients. A nurse only is always on duty at the nurse's central area outside the ICU hospital rooms.
2.	Idea / Solution description	Hospital Management System provides the benefits of streamlined operations. HMS is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.
3.	Novelty / Uniqueness	The positive outcomes and high patient satisfaction, they highlighted that the patients are actually staying longer than normal and that employee satisfaction is low, which is potentially leading to high turnover
4.	Social Impact / Customer Satisfaction	Healthcare industry continues to face several challenges from the environment. Among many, one of the critical challenges is to improve the quality and efficiency of patient care.
5.	Business Model (Revenue Model)	The right Length of Stay prediction could help in allocation of only enough beds and resources and not more than enough. This would lessen the money both the hospital and the patient spent.
6.	Scalability of the Solution	This advanced prediction method instead of the traditional methods makes the Hospital function better by more accurate allocation of beds and resources because it uses the historical data to analyse using visualization tools.