Project Design Phase-I
Proposed Solution

Team ID	PNT2022TMID25280
Project Name	Project - 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)	The goal is to accurately predict the Length of Stay(LOS) for each patient on case by case basis so that the Hospitals can use this information for optimal resource allocation and better functioning.
2.	Idea / Solution description	This parameter helps hospitals to identify patients of high LOS-risk at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. Also, prior knowledge of LOS can aid in logistics such as room and bed allocation planning.A informative, creative dashboard can be created to present the data and utilize it for prior proper planning and resource allocation.
3.	Novelty / Uniqueness	Chances for staff/visitor infections can be lowered. Efficient time management is practiced.
4.	Social Impact / Customer Satisfaction	Its helps the Hospitals work effectively and efficiently. Aims at the objectives and missions of Hospitals.
5.	Business Model (Revenue Model)	Ad-based revenue model-Creating ads for website, apps or services to be developed can earn.
6.	Scalability of the Solution	Supports future increases in throughput(number of users). Maintains best possible user experience.