

**Project Design Phase-I**  
**Proposed Solution Template**

Date	27 September 2022
Team ID	PNT2022TMID04490
Project Name	Analytics for Hospitals' Health Care Data
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Analytics for Hospitals' Health Care Data. To analyse the Length Of Stay (LOS) of patient. To have a better allocation of beds for patients.
2.	Idea / Solution description	Developing an project for Hospitals to analyse the Length Of Stay for the current patients. And allocate the bed for further patients. By using the machine learning techniques, the Length Of Stay can be predicted accurately
3.	Novelty / Uniqueness	There are many applications that analyse the Length Of Stay of a patient. Our focus is to propose the machine learning technique. And use the recent algorithms which predict accurately. Analyse based on up to date, data of the patient.
4.	Social Impact / Customer Satisfaction	For example, in critical situation like covid, it is useful for hospitals to analyse the Length Of Stay and allocate beds for the patients. It will be useful to overcome the difficulty faced by the patients and the hospitals.
5.	Business Model (Revenue Model)	Right now the application is profitless but in future we might add an option of premium plans for advanced learning.
6.	Scalability of the Solution	Based on the situation the patients visiting the hospitals may change. This project is scalable for all hospitals in any kind of situation.