

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID34052
Project Name	Project – Analytics for hospital health care data
Maximum Marks	2 Marks

Proposed Solution Template:

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

Sl.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Recent covid-19 pandemic has raised alarms over one of the most overlooked areas to focus :Healthcare Management.While healthcare management has various use cases for using data science ,patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the health care management in the hospital. This parameter helps hospitals to identify patients of high -LOS risk ,once identified proper treatment can be given to them and logistics of bed allocation planning.
2.	Idea / Solution description	The short project forecasting surgery volume at a medical the portfolio project analysed twitter trends on covid-19 vassinations.some of them are the predicative analyst poroject,the out-of-the-box project.this is the purpose of healthcare data analysis using data-driven findings to predict and solve the problem before it is too late.
3.	Novelty / Uniqueness	Potential sources of information about health care numerous and diverse,but in practice four main sources are used medical records,certificates of the other health-related events responses in surveys and facts obtained in the course of conducting resources/
4.	Social Impact / Customer Satisfaction	Potential satisfaction is measured with the help of an HCAHPS survey(also known asCAHPS(customer assessment of healthcare providers and system) Hospital survey,which refers to a set of survey that collect patients data to measure patients experience about hospital care and services
5.	Business Model (Revenue Model)	A business model describes the resources ,processes and cost assumption that an organization makes that will lead to the delivery of a unique value propotion to the customer.

6.	Scalability of the Solution	Scalability is the ability of the healthcare intervention shown to be efficient on a small scale and/or under controlled condition to be expanded under real world conditions to reach a greater proportion of the eligible population while retaining effectiveness
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