

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

Date	04 October 2022
Team ID	PNT2022TMID27073
Project Name	Project – Analytics for Hospital Health Care Data.
Maximum Marks	2 Marks

**Proposed Solution:**

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Data Analytics in healthcare can be observed from five perspectives, namely, health awareness among the general public, interactions among stakeholders in the healthcare ecosystem, hospital management practices, treatment of specific medical conditions, and technology in healthcare service delivery.
2.	Idea / Solution description	Health care data management has the potential to lead to better care if used properly. With centralized datasets, there is immediate access to necessary information whenever and wherever it is needed. The addition of big data analytics improves efficiency on all fronts. Better data leads to better care.
3.	Novelty / Uniqueness	Predictive modelling is the process of analyzing current and historical data to predict future outcomes. Models use data mining, machine learning and statistics to identify patterns and predict outcomes.
4.	Social Impact / Customer Satisfaction	Healthcare data analytics helps managers in making predictions regarding resource availability, treatment facilities, check-ups, etc. This has promoted strategic decision-making and also boosted the trust and faith of patients in medical treatments.

5.	Business Model (Revenue Model)	Data analytics and business intelligence are used to empower decision-makers who are championing life-changing and life-saving innovations for people worldwide.
6.	Scalability of the Solution	The result of this project is that the big data analytics in healthcare is evolving into a promising field for providing insight from very large data sets and improving outcomes while reducing costs.