

Project Design Phase-I
Proposed Solution
Template

Date	29 September 2022
Team ID	PNT2022TMID16326
Project Name	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)	Pandemic has resulted in uncontrollable increase in the count of patients. Many local hospitals were not prepared for this sudden outburst. To handle this crisis in a proper organized way, usage of data analytics is brought in.
2.	Idea / Solution description	Data visualization acquires a main role in the health industry for its usage in identifying patterns as well as correlation that makes data analysis more relevant. This project is developed with the idea of including data visualization to provide interactive dashboard, bar charts, pie charts, and heat maps where these possess different way of representing ideas.
3.	Novelty / Uniqueness	Easy understanding and accessibility increases the efficiency of a software, thus we have included visual representations in the form of graphs and charts
4.	Social Impact / Customer Satisfaction	1) Highly Comprehensive 2) Reduce patient waiting time 3) Easy allocation and scheduling of staffs 4) Efficient monitoring of clinical trial data and patient outcomes
5.	Business Model (Revenue Model)	Analytics is playing a huge role in helping companies taking informed decision therapeutic areas, markets and regions to reach upto decision within the stipulated timeframe and get exposed to real world insight from competitors, payers, regulators, patient, etc.
6.	Scalability of the Solution	Here we will be able to spend less time on grunt work and more time on actually resolving issues.