

Project Design Phase I Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID04319
Project Name	Project – 10738-1659200545 Analytics For Hospitals' Health-Care Data
Maximum Marks	2 Marks

Proposed Solution Template:

S No.	Parameter	Description
1.	Problem Statement	To predict the Length of Stay (LOS) of the patient for better process.
2.	Idea / Solution description	The Length of Stay (LOS) for the patients mainly depends on age, name, diseases, etc., Data processing is done for the dataset and also visualization is done.
3.	Novelty / Uniqueness	Our project proposal is mainly for the high accuracy to the customer. It is the uniqueness of the project. The main availability is to find the availabilities.
4.	Customer Satisfaction	Our solution helps to identify patients and their length of stay (LOS). It helps to identify the patients who are LOS and treatment can be planned accordingly. Prior information about the beds, treatment and rooms should be planned.
5.	Business Model (Revenue Model)	<pre> graph TD A[Studies identified through Embase and Medline (n = 802)] --> D[Studies after duplicates removed (n = 650)] B[Studies identified through medRxiv (n = 176)] --> D C[Situation reports (n = 2)] --> D D --> E[Studies screened by title and abstract (n = 650)] E --> F[Studies excluded after title and abstract screening (n = 466)] E --> G[Full text studies assessed for eligibility (n = 184)] G --> H[Studies excluded after full text screen (n = 132)] G --> I[Studies meeting all inclusion criteria (n = 52)] </pre>

6.	Scalability of the Solution	Our goal is to provide details for a minimum number of peoples. For future process our project is implemented in a large scale in a sufficient manner and also should be implement in cloud servers.
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