

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID27276
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.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The main aim is to provide an analysis the health data of patients and give information to doctor for future use. This data is stored in a database which can be retrieved in future by hospital management. To do prediction on health status
2.	Idea / Solution description	The main idea behind this to provide an interactive web application which gets user information and stores it. The end output is a web page which has the data of the patients the patients can view their report results, medicines suggested in a dashboard format and also it has prediction of health status of the patient
3.	Novelty / Uniqueness	The innovative thoughts behind this are using machine learning in order to predict the health status of the patient according to doctor input and store all the data for future reference and it is user friendly web application
4.	Social Impact / Customer Satisfaction	Reduces expenses of treatment. The treatment for the patients can be given properly because of the history of there treatments. If their emergency they can easily go through the data and access it. Sometimes the prediction may go wrong which may result in wrong decision making.
5.	Business Model (Revenue Model)	The revenue model of this application is through the users. when the user wants to know previous amount, they should pay certain amount for availing the details. It can be used by all hospitals. when hospital want to access the application, they need to pay an initial and after sometimes they

		should renew the subscription. Key resources are: Medical records
6.	Scalability of the Solution	At the start, the model is designed to ingest and process providers and patients, which can be expanded exponentially increasing processing power and database upgrades biannually.