Project Design Phase-I
Proposed Solution

Date	6 october 2022
Team ID	https://github.com/IBM-EPBL/IBM-Project-35419-1660284620
Project Name	Project – Analytics for Hospitals' Health-Care data
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To predict the Length of Stay (LOS) for each patient for the allocation of beds and resources.
2.	Idea / Solution description	Predicting the Length of stay by the patients' Severity of illness, Age and allocating the beds and resources by using Data visualization tools.
3.	Novelty / Uniqueness	The traditional method's way of allocation of beds and resources by prediction of LOS are approximate and it might lead to insufficient resources. By our proposed solution with analysis of historical data we could predict a more accurate LOS.
4.	Social Impact / Customer Satisfaction	The prediction of a more accurate Length of Stay will result in the allocation of sufficient beds and resources for each patient that helps in their recovery.
5.	Business Model (Revenue Model)	The right Length of Stay prediction could help in allocation of only enough beds and resources and not more than enough. This would lessen the money both the hospital and the patient spent.
6.	Scalability of the Solution	This advanced prediction method instead of the traditional methods makes the Hospital function better by more accurate allocation of beds and resources because it uses the historical data to analyse using visualization tools.