

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID14777
Project Name	Project – Analytics for hospitals health care data
Maximum Marks	2 Marks

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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)	To identify the patient's length of stay on a case by case basis using patients information details.
2.	Idea / Solution description	By using the Health care data provided by the hospital, we can track the length of stay for each patient in the hospital. To visualize the patient's length of stay, a dashboard will be created using Cognos analytics.
3.	Novelty / Uniqueness	With the resource provided, it can predict the result with accuracy.
4.	Social Impact / Customer Satisfaction	For proper functioning of hospital services, patient's satisfaction is needed. Services are provided in the dashboard and patients can review about the hospital that can be visualized in the dashboard.
5.	Business Model (Revenue Model)	Health care revenue is based on the set of all administrative and clinical functions that are contributed by the patient's service. The hospital staff can easily view the patient's problem and can give the correct treatment.
6.	Scalability of the Solution	Patient's privacy will be ensured. Length of stay can be viewed by the hospital staff. Patient's details will be secured.