Project Design Phase I

Proposed Solution

Date	23 September 2022
Team ID	PNT2022TMID18388
Project Name	Analytics for Hospitals' Health-Care Data
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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 besolved)	The goal is to accurately predict the Length of Stay(LOS) for each patient on case by case basisso that the Hospitals can use this information for optimal resource allocation and better functioning.

| 2. | Idea / Solution description | This parameter helps hospitals to identify patients of high LOS-risk at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. Also, prior knowledge of LOS can aid in logistics such as room and bed allocation planning.A informative, creative dashboard can be createdto present the data and utilize it for prior

proper planning and resource allocation. |
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| 3. | Novelty / Uniqueness | Chances for staff/visitor infections can belowered.

Efficient time management is practiced. |
| 4. | Social Impact / Customer Satisfaction | Its helps the Hospitals work effectively andefficiently.

Aims at the objectives and missions ofHospitals. |
| 5. | Business Model (Revenue Model) | Ad-based revenue model- Creating ads for website, apps or services to be developed can

earn. |
| 6. | Scalability of the Solution | Supports future increases in throughput(number of users).

Maintains best possible user experience. |