

Project Design Phase-I
Proposed Solution Template

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| Date | 29 october 2022 |
| Team ID | PNT2022TMID09355 |
| Project Name | Analytics for Hospitals' 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) | Predicting the length of stay of patients in hospital for proper reporting of availability of beds. |
| 2. | Idea / Solution description | Analysing the medical condition of each patient by considering their health problems along with the severity of illness and their age. |
| 3. | Novelty / Uniqueness | Prediction of length of stay by severity of illness and their age along with their medical condition for achieving the maximum accuracy. |
| 4. | Social Impact / Customer Satisfaction | Providing a detailed vision of Prediction of Length of stay in hospitals leads the customer with a detailed idea of their hospital stay and their medical expenses. |
| 5. | Business Model (Revenue Model) | By proper analysis of prediction of length of stay of patients , Hospitals making the seats available to the patients in need and there by increasing their revenue. |
| 6. | Scalability of the Solution | The solution for this problem can be scalable to apply to all the types of hospitals irrespective of the departments(available for all health case departments) |