**Project Design Phase-I**
**Proposed Solution**

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| Date | 12 OCTOBER 2022 |
| Team ID | PNT2022TMID26358 |
| Project Name | Analytics for Hospital Health-Care Data |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | The Covid-19 pandemic made all realize the importance of being prepared and managing limited hospital resources which could have saved a lot of lives.The availability of resources was not made easily accessible for those infected with corona virus. |
| 2. | Idea / Solution description | Predictive data analytics can create patient journey dashboards and disease mapping that helps us to know about the patient's period of stay which in turn improves effective allocation of beds and other resources, treatment delivery, improves efficiencies, and so on. |
| 3. | Novelty / Uniqueness | Healthcare data frequently resides in several locations. The Collected data should be stored in central system(like centralized storage). This data becomes accessible and usable when it is combined into a single, central system, such as an enterprise data warehouse (EDW). Uniqueness of our project is that we can able to use data for different things such as which medicine is more effective and for understanding behavioral pattern of particular disease. |
| 4. | Social Impact / Customer Satisfaction | The effective use of resources is enhanced. Diagnosis and treatment is improved as result of that.The overall quality of life of patient and accessibility is increased |
| 5. | Business Model (Revenue Model) | Using the data gathered we can redirect the patients to particular hospital based on the vacancy, leading retailers used methods like market-basket analysis to discover insights about consumer purchase behaviour and used these insights to optimize the physical store experience, target relevant ads and streamline the |

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| | | supply chain, among other strategic initiatives. |
| 6. | Scalability of the Solution | All Health-Care bodies must store, evaluate, and take action on the massive amounts of data being produced by the health care sector as it expands quickly. Everyone must be able to access Health-care resources data through a centralized server |