

## PROJECT DESIGN PHASE – 1

### PROPOSED SOLUTION

|                     |  |
|---------------------|--|
| <b>Date</b>         | 12.11.2022                               |
| <b>Team ID</b>      | PNT2022TMID21063                         |
| <b>Project Name</b> | Analytics for Hospital's Healthcare Data |

| <b>S.No</b> | <b>Parameters</b>       | <b>Description</b>  |
|-------------|-------------------------|---|
| 1.          | Problem Statement       | The goal is to accurately predict the Length of Stay for each patient on case by case basis so that the Hospitals can use this information for optimal resource allocation and better functioning. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days |
| 2.          | Idea / Solution         | Predictive Analysis   |
| 3.          | Novelty / Uniqueness    | Predictive analytics with AI solution   |
| 4.          | Social Impact           | Access to primary healthcare, Less Casualty.  |
| 5.          | Business Model          | Pharmacy companies will sell their medical products to generate more revenue. Insurance companies will sell their health policies to needed people.   |
| 6.          | Scalability of Solution | <ul style="list-style-type: none"><li>• Easy access of Patients Data</li><li>• User friendly analytics</li><li>• Accurate results</li></ul>   |