**Project Planning Phase**

**(Product Backlog, Sprint Planning, Stories, Story points)**

Date

Team ID

Project Name

Maximum Marks

31 October 2022

PNT2022TMID35843

Smart Solutions for Railways

8 marks

**FINISHED TASK:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Phase** | **Title** | **Description** | **Date** |  |
|  |  |  |  |  |
| **Preparation Phase** | pre-requisites, Registrations | Register on IBM Academic Initiative | 22 - 27 Aug 2022 |  |
| Create GitHub account & collaborate |  |
|  |  | with Project Repository in project |  |  |
|  |  | workspace |  |  |
|  |  |  |  |  |
|  | Literature Survey and | Gathering Information by referring the |  |  |
|  | technical papers, research publications | 3 September 2022 |  |
|  | Information Gathering |  |
|  | etc. |  |  |
|  |  |  |  |
|  |  |  |  |  |
| **Ideation Phase** | Prepare Empathy Map | To capture user pain and gains Prepare | 10 September 2022 |  |
|  |  | List of Problem Statement |  |  |
|  |  |  |  |  |
|  | Ideation | Prioritize a top 3 ideas based on | 17 September 2022 |  |
|  | feasibility and Importance |  |
|  |  |  |  |
|  |  |  |  |  |
|  |  | Solution include novelty, feasibility, |  |  |
|  | Proposed Solution | business model, social impact and | 24 September 2022 |  |
|  |  | scalability of solution |  |  |
| **Project Design Phase -I** |  |  |  |  |
| Problem Solution Fit | Solution fit document | 1 October 2022 |  |
|  |  |
|  |  |  |  |  |
|  | Solution Architecture | Solution Architecture | 1 October 2022 |  |
|  |  |  |  |  |
|  | Customer Journey | To Understand User Interactions and | 8 October 2022 |  |
|  |  | experiences with application |  |  |
| **Project Planning Phase** |  |  |  |  |
| Functional Requirement | Prepare functional Requirement | 12 October 2022 |  |
|  |  |
|  |  |  |  |  |
|  | Data flow Diagrams | Data flow diagram | 12 October 2022 |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Technology Architecture | Technology Architecture | 12 October 2022 |  |
|  | diagram |  |
|  |  |  |  |
|  |  |  |  |  |
|  | Milestone & sprint delivery | Activity what we done &further plans | 18 October 2022 |  |
|  | plan |  |  |  |
|  |  |  |  |  |
|  | **Ongoing and Upcoming** | |  |  |
|  | | |  |  |
| **Project Development Phase** | Project Development-Delivery | Develop and submit the developed | 24 October 2022 – |  |
|  | of sprint 1,2,3 &4 | code by testing it | 19 November 2022 |  |
|  |  |  |  |  |