**PROJECT PLANNING PHASE– MILESTONES & ACTIVITY LIST**

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| Date | | 4 NOVEMBER 2022 | | | |
| Team ID | | PNT2022TMID45560 | | | |
| Project | | Smart Solutions for Railways | | | |
| Maximum mark | | 4 mark | | | |
| DATE | MILESTONE | | TEAM MEMBER | STATUS | DESCRIPTION |
| 28/9/2022 | Pre requisites:  1.IBM Cloud service.  2.Software | | Nivetha. K  Janaranjani. S  Viveka. R | Completed | Created IBM cloud services account and software. |
| 30/9/2022 | Project objective | | Viveka. R  Nivetha. K | Completed | To prepare the project  objectives.  To use IBM Watson IOT and NodeRED. Python IDLE. |
| 10/10/2022 | Create and configure IBM Cloud service:  1.Create IBM Watson IOT platform and Device.  2.Ceate Node-RED service. | | Yalini. P  Viveka. R | Completed | We can create IBM Watson IOT platform and device. Tousing  Node-RED |
| 17/10/2022 | Development of the python script:  1.Development of the python script. | | Yalini. P | Completed | People can book the Ticket. |

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|  |  |  |  | The ticket collector can scan the QR code to  Identify the personal details. |
| 19/10/2022 | Develop a web application using Node-RED service.  1.Develop the web application using Node-RED.  2.Testing the web UI by giving the required inputs. | Nivetha. K  Janaranjani. S | In-  progress | The main application is developed using NodeRED and the required inputs are given to test the web UI. |
| 21/10/2022 | Ideation phase  1.Literature survey on the selected project & information gathering.  2.Prepare empathy map  3.Ideation | Janaranjani. S  Viveka. R  Nivetha. K  Yalini. P | Completed | In this we suggest about the ideas to develop the project and study about the past projects done in the domain. |
| 26/10/2022 | Project design Phase-1  1.Proposed solution  2.Problem solution fit  3.Solution architecture | Janaranjani. S  Viveka. R  Nivetha. K  Yalini. P | Completed | We state our problem solution in different ways in this session. |
| 2/11/2022 | Project design phase-2  1.Customer journey  2.Dataflow diagram  3.Technology architecture | Janaranjani. S  Viveka. R  Nivetha. K  Yalini. P | Completed | In this session we tell about the user story. |

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| 3/11/2022 | Project planning phase  1.Prepare milestone & activity list.  2.Sprint delivery plan. | Janaranjani. S  Viveka. R  Nivetha. K  Yalini. P | Completed | We described about the activities and achieved milestones on that session. |
| 4/11/2022 | Project development phase  1.Sprint-1  2.Sprint-2  3.Sprint-3  4.Sprint-4 | Janaranjani. S  Viveka. R  Nivetha. K  Yalini. P | In progress | We need to  Deliver the overall process by four sprints. |