**MILESTONE AND ACTIVITY LIST**

PROJECT PROGRESS TRACKING

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| Date | 03 November 2022 |
| Team ID | PNT2022TMID23159 |
| Project Name | Predicting the energy output of wind turbine based on weather condition |
| Maximum Marks | 2 Marks |

**Activity List:**

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| Project Name | Predicting the energy output of wind turbine based on weather condition | Date | 03-11-2022 |
| Team ID | PNT2022TMID23159 | Team Members | 4 |

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| Activity Name | Activity Number | Activity Description Tasks Assigned | | Status |
| Preparation Phase | 1 | 1. Access the resources in project dashboard. 2. Explore the dataset provided in workspace. 3. Create GitHub account & collaborate with Project Repository in project workspace. 4. Set-up the prerequisites for the project. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Ideation Phase | 2 | 1. Literature survey relevant to the selected project. 2. Preparation of Empathy Map to identify the user pros and cons. 3. List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance. | 1. 1. Nandhini P 2. 2. Joyline christy J 3. 3. Shiyamala K 4. 4. Soundarya G | Completed |

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| **Project Design Phase-I** | 3 |  |  |  |

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| Proposed Solution | 3.1 | Preparation of proposed solution document, which includes the Problem statement , Idea description, novelty, feasibility of idea, business model, social impact and scalability of the solution. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Problem Solution Fit | 3.2 | Prepared problem solution fit document which have designed a value proposition that addresses the customers’ job, pros and cons to the particular application. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Solution Architecture | 3.3 | Develop effective architecture for the proposed solution which provides ground for application development projects. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| **Project Design Phase-II** | 4 |  |  |  |
| Solution Reqirements | 4.1 | Identify the Functional and Non- Functional requirements of the proposed solution. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Customer Journey | 4.2 | Preparation of customer journey map to understand the user interactions which describes the stages that the customer experiences over time. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Data Flow Diagram and User stories | 4.3 | Generate Data flow diagram for the Project which maps out the flow of information for the application. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |

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| Technology Architecture | 4.4 | Develop effective technical architecture for the proposed solution which describes the logical software and hardware capabilities that are required to support the development of the application. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |

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| **Project Planning Phase** | 5 |  |  |  |
| Milestones & Activity List | 5.1 | Prepare Milestone and Activity list of the project. | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| Sprint Plan | 5.2 | Prepare Sprint Delivery plan of the project | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | Completed |
| **Project Development** | 6 |  |  |  |
| Delivery of Sprint-1 | 6.1 | Implement the coding phase of Sprint- 1 | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | In Progress |
| Delivery of Sprint-2 | 6.2 | Implement the coding phase of Sprint- 2 | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | In Progress |
| Delivery of Sprint-3 | 6.3 | Implement the coding phase of Sprint- 3 | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | In Progress |
| Delivery of Sprint-4 | 6.4 | Implement the coding phase of Sprint- 4 | 1. Nandhini P 2. Joyline christy J 3. Shiyamala K 4. Soundarya G | In Progress |

**Milestone Timeline Chart:**

A milestone schedule, or milestone chart, is a timeline that uses milestones to divide a project schedule into major phases. A milestone chart is a way to visualize the most important steps of our project. Each milestone the team achieves brings us closer to completi~~n~~g the project. As a result, milestones provide a sense of accomplishment

and show the team how the work they’re doing contributes to the overarching project objective.

