MILESTONE & ACTIVITY LIST

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| Date | 09 November 2022 |
| Team ID | PNT2022TMID12567 |
| Project Name | Predicting the energy output of wind turbine based on weather condition |
| Maximum Marks | 4 Marks |

MILESTONE

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| DATA  COLLECTION | M-01 | download /Create  data set | Yes |
| DATA PRE-PROCESSING | M-02 | Import required libraries  Analyze the dataset  1.3 Splitting data into independent and dependent variables | Yes |
| MODEL BUILDING | | M-03 | Choose the appropriate model  Check the metric of the model  Save the model  1.4 API integration | Yes | |
| APPLICATION BUILDING | | M-04 | Build the python flask app  Build an HTML page  1.3 Execute and test your model | Yes | |
| Train the Model on IBM | | M-05 | Register for IBM cloud  Train the Ml model on IBM  1.3Integrate Flask with scoring end point | Yes | |
| Ideation Phase | | M-06 | Prepare Literature Survey, Empathy Map and Ideation. | Yes | |
| Project Design Phase-I | | M-07 | Prepare Proposed solution , problem-solution fit and Solution Architecture | Yes | |
| Project Design Phase-II | | M-08 | Prepare Customer journey ,functional requirements,Data flow diagram and Technology Architecture | Yes | |
| Project Planning Phase | | M-09 | Prepare Milestone list , Activity list and Sprint Delivery Plan | Yes | |
| Project Development Phase | | M-10 | Project Development delivery of Sprint 1, Sprint 2, Sprint 3, Sprint 4 | No | |

ACTIVITY LIST

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| ACTIVITY NUMBER | | ACTIVITY | SUB ACTIVITY | ASSIGNED TO | STATUS |
| 1. | | DATA COLLECTION | download /Create  data set | All Members | Completed |
| 2. | | DATA PRE-PROCESSING | Import required libraries  Analyze the dataset  Splitting data into independent and dependent variables | All Members | Completed |
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| 3 | | MODEL BUILDING | Choose the appropriate model  Check the metric of the model  Save the model  API integration | All Members | Completed |
| 4 | | APPLICATION BUILDING | Build the python flask app  Build an HTML page  Execute and test your model | All Members | Completed |
| 5 | | Train the Model on IBM | Register for IBM cloud  Train the Ml model on IBM  Integrate Flask with scoring end point | All Members | Completed |
| 4 | [IDEATION](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse9) [PHASE](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse9) | LiteratureReview.  Empathy map.  Ideation. | All Members | Completed |
| 5 | [PROJECT](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse10) [DESIGN](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse10) [PHASE – I](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse10) | ProposedSolution  Problem SolutionFit.  Solution Architecture | All Members | Completed |
|  | [PROJECT](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse11) | 6.1 Customer journey. |  |  |
|  | [DESIGN PHASE -](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse11) [II](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse11) | 6.2 Functional requirement. |  |  |
| 6 |  | 6.3 Data flow Diagrams. | All Members | Completed |
|  |  | 6.4 Technology |  |  |
|  |  | Architecture. |  |  |

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| 7 | [PROJECT](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse12) [PLANNINGPHASE](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse12) | Prepare milestonesand activitylists.  Sprint deliveryplan. | All Members | Completed |
| 8 | [PROJECT](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse13)  [DEVELOPMENT](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse13) [PHASE](https://careereducation.smartinternz.com/Student/guided_project_workspace/15856#collapse13) | Project development-Delivery ofSprint-1.  Project development-Delivery ofSprint-2.  Project development-Delivery ofSprint-3.  Project development-Delivery ofSprint-4. | All Members | In Progress |