Project Planning PhaseMilestones Activity List

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| --- | --- |
| Date | 7 November 2022 |
| Team ID | PNT2022TMID09998 |
| Project Name | Machine Learning based Vehicle Performance Analyzer |
| Maximum Marks | 4 Marks |

Product Backlog, Sprint Schedule, and Estimation:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement**  **(Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint- 1 | Data Preparation | USN-1 | Collecting water  dataset and pre- processing it | 10 | High | MANIKANDAN.S |
| Sprint- 1 | Model Building | USN-2 | Create a ML model to predict water quality | 5 | Medium | HARISH.S |
| Sprint- 1 | Model Evaluation | USN-3 | Calculate the performance, | 5 | Medium | KATHIRESH.M |
|  |  |  | error rate and |  |  |  |
|  |  |  | complexity of |  |  |  |
|  |  |  | ML model |  |  |  |
| Sprint- 2 | Model Deployment | USN-5 | Using flask and deploy model finally in IBM  cloud | 20 | Medium | MOHAMED ABUSALIF.S.M |
|  |  |  | using IBM storage and  Watson Studio |  |  |  |
|  |  |  |  |  |  |  |
| Sprint- 3 | Registration | USN-5 | As a user, I can register for the application by entering email, password, and confirm  password | 10 | Medium | MANIKANDAN.S  HARISH.S  KATHIRESH.M  MOHAMED ABUSALIF.S.M |
| Sprint- 3 | Confirmation | USN-6 | As a user, I will receive confirmation  email once I | 5 | Low |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | have registered for the application |  |  |  |
| Sprint- 3 | Login | USN-7 | As a user, I can  log into the | 5 | Medium |
|  |  |  | application by |  |  |
|  |  |  | entering email |  |  |
|  |  |  | & password |  |  |