**Project Planning Phase**

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| **DATE** | **15 November 2022** |
| **TEAM ID** | **PNT2022TMID45948** |
| **PROJECT NAME** | **Predicting the energy output of wind turbine**  **based on weather condition** |
| **MARK** | **8 Mark** |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

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| Sprint | Milestone |
| Sprint 1 | 1. User registers into the application through entering Email Id, Password and Re entering  Password for confirmation.  2. User receives a confirmation mail to their registered Email.  3. User can also register to the application through a mobile number.  4. User logs in into the website using Email Id and password or through Gmail |
| Sprint 2 | 1. User can access the dashboard  2. User can enter the required details on weather conditions and get the desired turbine  power output based on the model’s prediction. |
| Sprint 3 | 1. Application should store the predictions, and these predictions can be used for future  analysis.  2. The data stored should be secure |
| Sprint 4 | 1. Administrator should properly maintain the website and update it when required. |