Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Story Points)

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| Date | 19 SEPTEMBER 2022 |
| Team ID | PNT2022TMID12328 |
| Project name | Predicting The Energy Output Of Wind  Turbine Based On Weather Conditions |

Product Backlogs, Sprint Schedule And Estimation

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| **Sprint** | **Functional Requirement (EPIC)** | **User Story Number** | **User Story/ Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint 1 | Registration | USN-1 | As a user ,I can register for the application by entering email, password and conforming my  password | 5 | High | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 4 | High | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 1 |  | USN-3 | As a user ,I can register for application through phone number. | 4 | Low | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 1 |  | USN-4 | As a user, I can register for the application through Gmail | 3 | Medium | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 1 | Login(User) | USN-5 | As a user, I can log into application by entering email& password | 5 | High | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |

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| Sprint 2 | Dashboard | USN-6 | Once I have logged in , I can see my dashboard. | 6 | Medium | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 2 | Web access | USN-7 | As a customer I can access the website to predict the weather conditions. | 7 | High | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 2 | Prediction | USN-8 | As a customer when I enter the weather details the website should predict the  approximate weather conditions. | 7 | High | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 3 | Analysis | USN -9 | As a customer, I wish to store my prediction and make analysis. | 10 | Medium | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 3 | Security | USN-10 | As a customer I expect my data to be secured. | 10 | Medium | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |
| Sprint 4 | Database Access | USN- 11 | An administrator I should maintain the website. And update the website regularly. | 20 | Low | Natarajan.T  Bala sudharsanan.S  Selvaganesh.B  Sathyanarayanan.V |

Project Tracker, Velocity & Burndown Chart:

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| **Sprint** | **Total story points** | **Duration** | **Sprint start date** | **Sprint end date (Planned)** | **Story points completed (as on planned**  **End date)** | **Sprint Release date(Actual)** |
| Sprint 1 | 20 | 6 days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint 2 | 20 | 6 days | 31 Oct 2022 | 5 Nov 2022 | 20 | 5 Nov 2022 |
| Sprint 3 | 20 | 6 days | 7 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint 4 | 20 | 6 days | 14 Nov  2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |