**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID20771 |
| Project Name | Digital Naturalist - AI Enabled tool for  Biodiversity Researchers |
| Maximum Marks | 8 Marks |

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional  Requirement(EPIC) | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint1 | Modelling Phase | USN-1 | Data Collecting | 3 | Medium | Krishna Priya M |
| Sprint1 | USN-2 | Data understanding | 2 | Medium | Lima Sri P |
| Sprint1 | USN-3 | Data modelling | 2 | Medium | Lima Sri P |
| Sprint1 | USN-4 | Data augmentation | 5 | High | Krishna Priya M |
| Sprint1 | USN-5 | Evaluation | 3 | Medium | Lima Sri P |
| Sprint2 | Development Phase | USN-6 | Home page creation | 3 | Medium | Krishna Priya M |
| Sprint2 | USN-7 | User login data creation | 2 | Medium | Sneha L |
| Sprint2 | USN-8 | Prediction page creation | 2 | Medium | Sneha L |
| Sprint2 | USN-9 | Setting up facilities for user | 3 | Medium | Lima Sri P |
| Sprint3 | Deployment Phase | USN-10 | Integrating UI and BACKEND applications | 3 | Medium | Sneha L |
| Sprint3 | USN-11 | Deploying application in IBM cloud | 4 | Medium | Poonthamizh B |
| Sprint3 | USN-12 | Creating flask | 4 | Medium | Poonthamizh B |
| Sprint4 | Testing Phase | USN-13 | Functional Testing | 5 | High | Lima Sri P |
| Sprint4 | USN-14 | Non functional testing | 5 | High | Sneha L |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story**  **Points** | **Duration** | **Sprint Start Date** | **Sprint End Date** | **Story Points**  **Completed (as on**  **Planned End Date)** | **Sprint Release Date**  **(Actual)** |
| Sprint-1 | 15 | 6 days | 24 Oct 2022 | 29 Oct 2022 | 15 | 29 Oct 2022 |
| Sprint-2 | 10 | 6 days | 30 Oct 2022 | 4 Nov 2022 | 10 | 4 Nov 2022 |
| Sprint-3 | 11 | 5 days | 5 Nov 2022 | 9 Nov 2022 | 11 | 9 Nov 2022 |
| Sprint-4 | 10 | 5 days | 10 Nov 2022 | 14 Nov 2022 | 10 | 14 Nov 2022 |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

**Velocity:**

Average velocity=12/4=3