**Project Planning Phase**

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

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| --- | --- |
| Team ID | PNT2022TMID33113 |
| Project Name | AI - powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Prediction | USN-1 | Here the model will be created and it predict the image using deep learning  Algorithms such as CNN. | 20 | High | Akash, Aravindhan, Dineshkumar, Jabitha |
| Sprint-2 | Prediction | USN-2 | The model is trained on the IBM cloud | 10 | Medium | Akash, Aravindhan, Dineshkumar, Jabitha |
| Sprint-2 | Dashboard | USN-3 | As a user, I can see the home page of the website of the nutrition analyser | 10 | Low | Akash, Aravindhan, Dineshkumar Jabitha |
| Sprint-3 | Dashboard | USN-4 | As a user, I can input image of food in the upload field | 20 | Low | Akash, Aravindh,  Dineshkumar, Jabitha |
| Sprint-4 | Classifier | USN-5 | Here I will send all the model outputs to classifier in order to produce final results. | 20 | Low | Akash, Aravindh,  Jabitha,  Dineshkumar, |

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

| **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 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |