# PROJECT PLANNING PHASE

**PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)**

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| --- | --- |
| DATE | 18 October 2022 |
| TEAM ID | PNT2022TMID50978 |
| PROJECT NAME | Nutrition assistant application |
| MAXIMUM MARKS | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | prerequisites formodel building | USN-0 | As a developer I must collect the different type of data possible and other data supporting the model | 2 | High | M.Abinaya  J.Gayathri |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application byentering my email, password, and  confirming my password. | 2 | High | M.Abinaya |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email  onceI have registered for the application | 1 | High | J.Chitra  J.Gayathri |
| Sprint-1 | Gmail Registration | USN-3 | As a user, I can register for the application  through Gmail | 2 | Low | R.Vaitheeswari  J.Gayathri |
| Sprint-2 | Login | USN-4 | As a user, I can log into the application by  entering email & password | 1 | High | M.Abinaya  R.Vaitheeswari |

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| Sprint-2 | Suggestion | USN-5 | As a user now I can make recommendations  such as nutrition plans, diet plans etc.. | 1 | Low | M.Abinaya  J.Gayathri |
| Sprint-2 | Model building | USN-6 | Development of the model with the  Prepared data | 2 | High | R.Vaitheeswari  J.Chitra |
| Sprint-2 | Main interface | USN-7 | As a user i can view my calories by uploading the photo of the food that I want to eat | 2 | High | M.Abinaya  J.Chitra |

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| Sprint-3 | Diet plan for freeusers | USN-9 | As a dietician I provide a diet plan for the betterment of the user | 2 | Medium | M.Abinaya  J.Chitra |
| Sprint-3 | Diet plans for  Premium users | USN-10 | As a premium user, I can choose to follow thediet plan based on my food habits | 1 | Medium | R.Vaitheeswari  J.Gayathri |
| Sprint-3 | User image analysis | USN-11 | As a user, I can track my calories intake and  know about my food in detail | 2 | High | R.Vaitheeswari  M.Abinaya |
| Sprint-3 | Improve the efficiencyof AI model | USN-12 | As a developer, I can give the better model that analyze the food and provide the accurate result | 2 | Medium | J.Gayathri  J.Chitra |
| Sprint-3 | User analysis record | USN-13 | As a user, I can check the records of the food  habits | 1 | Medium | R.Vaitheeswari  J.Gayathri |
| Sprint-4 | Diet tips and basicplan | USN-14 | As a user now I can make recommendationssuch as nutrition plans, diet plans etc.. | 1 | Medium | M.Abinaya  J.gayathri  J.Chitra R.Vaitheeswari |
| Sprint-4 | Payment | USN-15 | Develop the payment gateway options  forpremium users | 2 | High | M.Abinaya  J.Gayathri |

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| Sprint-4 | Dashboard | UNS-16 | The details will provided via nutrition AP | 2 | High | R.Vaitheeswari  M.Abinaya |

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

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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 | 05 Nov 2022 | 20 | 4 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 18 Nov 2022 |

**VELOCITY:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day).



# BURNDOWN CHART:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.