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

Date	05 November 2022
Team ID	PNT2022TMID43019
Project Name	Project - 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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User login	USN-1	As a developer I have to collect the different type of data possible and other data supporting the model usercan register for the application by entering my email, password, and confirming my password. I will receive confirmation email onceI have registered for the application I can register for the applicationthrough Gmail.	20	High	Manogaran Thilagavathy Birundha Krishnaveni
Sprint-2	Model building	USN-2	Development of the model with the prepared data As a user can view my calories by uploading the photo of the food that I want to eat.	20	High	Manogaran Thilagavathy
Sprint-3	User image analysis	USN-3	Uploaded food pic result will show in app page and its tell less and high nutrition details As a usercan track my calories intake and know about my food in detail.	20	High	Birundha Krishnaveni
Sprint- 4	Diet plan for free users	USN-4	As a dietician I provide a diet plans for the betterment of the user and As a user now I can make recommendationssuch as nutrition plans, diet plans etc..	20	High	Manogaran Thilagavathy Birundha Krishnaveni

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	07\11\2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	10\11\2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	14\11\2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18\11\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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.