

Project Planning Phase Milestone and Activity List

Date	18 October 2022
Team ID	PNT2022TMID33999
Project Name	Project – AI-Powered Nutrition Analyser and Fitness Enthusiasts
Maximum Marks	8 MARK

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

Sprint	Functional Requirement	User story Number	User story/stack	Story Point	Priority	Team Members
Sprint-1	Registration	USN-1	User can register for the application by entering user name and entering a strong password.	2	High	Evanjalin Ann
Sprint-1	Login	USN-2	User can login to the application by entering user name and password	2	High	Besmi
Sprint-2	Upload images of digital document	USN-3	User can input the food images into the application's document	1	Moderate	Bhuvana
Sprint-2	Prediction	USN-4	User can predict the image	1	Moderate	Anlin
Sprint-3	Upload the fruit images dataset	USN-5	User can input the fruit of their choice that they want to know about	1	High	Evanjalin Ann
Sprint-3	Recognize fruit	USN-6	User can choose their fruit type	1	Moderate	Besmi
Sprint-4	Recognize Fruit type	USN-7	User can recognize their selected fruit in the output, and recognize it and its benefits	2	High	Bhuvana
Sprint-4	Recognize fruit colour	USN-8	User can recognize the fruit colour in the dataset and differentiate it with others	2	High	Anlin

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

Sprint	Total Story point	Duration	Sprint Start Date	Sprint End Date	Story Points completed	Story release date
Sprint-1	2	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	2	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	20	19 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)

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{20}{10} = 2$$

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.



