

Project Planning Phase

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

Date	16 October 2022
Team ID	PNT2022TMID25719
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Dataset - Collecting images of food items apples , banana, orange, pineapple, watermelon for analysis	5	High	Haripriya.A
Sprint-1	Image Preprocessing	USN-2	Import the Image Data generate or library.	4	Medium	Arokiya priyadharshini.J
Sprint-1		USN-3	configure image Data generate or class.	4	Medium	Arokiya priyadharshini.J
Sprint-1		USN-4	Apply image Data generate functionally to trainset and testset.	4	Medium	Arokiya priyadharshini.J
Sprint-2	Modeling building	USN-5	Importing the build building libraries.	4	High	Christina.F
Sprint-2		USN -6	Initializing the modal.	5	High	Christina.F
Sprint-2		USN- 7	Adding CNN Layers.	4	High	Christina.F

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint- 2		USN- 8	Adding Dense Layers.	3	Medium	Christina.F
Sprint-2		USN- 9	configure the learning process.	2	Low	Christina.F
Sprint-2		USN- 10	Train the model	2	Low	Christina.F
Sprint-3		USN- 11	Test the model	2	Low	Aswini.C
Sprint-3	Application Building	USN- 12	Create HTML pages	4	Medium	Aswini.C
Sprint-3		USN- 13	Build python code	4	Medium	Aswini.C
Sprint-3		USN- 14	Creating our platform	4	Medium	Aswini.C
Sprint-4	Development Phase	USN- 15	Routing to the HTML page	6	High	Arokiya priyadharshini.J
Sprint-4		USN- 16	Run the Application	5	High	Arokiya priyadharshini.J

Project Tracker, Velocity & Burn down Chart: (4Marks)

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	17	5 Days	29 Oct 2022	02 Nov 2022	20	3 Nov 2022
Sprint-2	20	5 Days	03 Oct 2022	07 Nov 2022	20	8 Nov 2022
Sprint-3	14	5 Days	08 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	11	5 Days	13 Nov 2022	17 Nov 2022	20	16 Nov 2022

Velocity:

Average Velocity= $12/4 = 3$