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

Date	20 October 2022
Team ID	PNT2022TMID15781
Project Name	AI-powered Nutrition Analyser 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	Pre- requisites forModel Building	USN-0	As a developer I have to collect different type of data possible and other data supporting the model	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-1		USN-1	As a user, I can register forthe application by entering my email, password, and confirming my password	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-2		USN-3	As a user, I will receive confirmation email once I have registered for the application	3	Low	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-1		USN-4	As a user, I can register forthe application through Gmail	3	Medium	Padamata Tulasi Venkata srivarshini

							JothikaB Kuppam Harshita
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email& password	5	High		Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-2	Module building	USN-6	As a user, I can log into the application by entering email& password	5	High		Padamata Tulasi Venkata srivarshin Jothika B Kuppam Harshita
Sprint-2	Main Interface	USN-7	As a user I can view my calorie intake by clicking photo of the food I eat	5	High		Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint-2	Package, Dashboard	USN-8	As a user I can choose variety of packages basedon my requirement	4	Medium		Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint - 3	Diet Plan for free users	USN - 9	As a dietitian I provide daily plans for the betterment of the user	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 3	Personalized user food habit -based diet plan for premium users	USN - 10	As a Premium User, I can choose to follow diet plan based on my food habits orthe generalized one	3	Medium	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 2	User image Analysis	USN - 11	As a user I can track my calorie intake, and know about my food in detail.	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 3	Improve efficiency of AI model	-	As a developer I have to give a better model that will analyse food precisely and provide accurate results	3	Medium	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 2	User Analysis record	USN - 12	As a user, I can check the previous records and I can analyse my food habits	4	Medium	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 4	Fitness tips and basic exercises	USN - 13	As a user I can follow some fitness tips and I can maintain weight as required	5	Medium	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita

Sprint						
Sprint - 4	Home remedies	USN - 14	As a user I can follow some natural home remedies for common diseases like (cold, cough ,fever) and treat myself	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 4	Optimize the user experience with the app		As a developer I have to provide clean and smooth interface to my user	5	High	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita
Sprint - 4	Payment Gateway for purchasing package		As a developer I have to create a environment which makes user feel ease to complete his/her Payments with various Payment options	3	Medium	Padamata Tulasi Venkata srivarshini Jothika B Kuppam Harshita

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	20ADD	6 Days	24 Oct 2022	29 Oct 2022	23	28 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	26	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	11	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	18	17 Nov 2022

Velocity:

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

$$AV = \text{Sprint duration / velocity} = 20/10 = 2$$

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 anyproject containing measurable progress over time.