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

Product Backlog, Sprint Schedule, and Estimation

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 for Model Building	USN-0	As a developer I have to collect different type of data possible and other data supporting the model	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-1		USN-1	As a user, I can register for the application by entering my email, password, and confirming my password	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	Medium	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-2	Module building	USN-5	As a user, I can log into the application by entering email & password	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Main Interface	USN-6	As a user I can view my calorie intake by clicking photo of the food I eat	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint-2	Package, Dashboard	USN-7	As a user I can choose variety of packages based on my requirement	4	Medium	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint - 3	Diet Plan for free users	USN - 8	As a dietitian I provide daily plans for the betterment of the user	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint - 3	Personalized user food habit -based diet plan for premium users	USN - 9	As a Premium User, I can choose to follow diet plan based on my food habits or the generalized one	3	Medium	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint - 2	User image Analysis	USN - 10	As a user I can track my calorie intake, and know about my food in detail.	5	High	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
Sprint - 2	User Analysis record	USN - 11	As a user, I can check the previous records and I can analyse my food habits	4	Medium	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar

Sprint		USN					
Sprint - 4	Fitness tips and basic exercises	USN - 12	As a user I can follow some fitness tips and I can maintain weight as required	5	Medium	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
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	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar
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	P.Aravinth P.Arjun R.Mohanprasath P.Praveen Kumar

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's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint duration} / \text{velocity} = 20 / 10 = 2$$ **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 any project containing measurable progress over time.