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

Date	22 June 2024
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (2 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	10	High	Hari Athithya
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	Medium	Hari Athithya
Sprint-1	Login	USN-3	As a user, I can log into the application by entering my email & password	5	Medium	Shivam Nandini
Sprint-2	Dashboard	USN-4	As a user, I can view my personal dashboard with my account information and recent orders.	2	High	Athithya Anil Nandini Hari
Sprint-2	Browse Products	USN-5	As a user, I can log into the application by entering email & password	4	High	Hari Shivam Nandini
Sprint-2	Product Details	USN-6	As a user, I can view detailed information about a product, including images, descriptions, and reviews.	4	High	Nandini Athithya
Sprint-2	Add to cart	USN-7	As a user, I can proceed to checkout and complete my purchase using various payment methods.	4	High	Shivam Hari

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Checkout	USN-8	As a user, I can proceed to checkout and complete my purchase using various payment methods.	4	High	Hari Shivam
Sprint-3	Customer Support	USN-9	As a customer care executive, I can view and manage customer inquiries and support tickets	10	High	Athithya Nandini Shivam Hari
Sprint-3	Order Management(Customer Support)	USN-10	As a customer care executive, I can track and manage customer orders and shipment status.	10	High	Athithya Nandini Shivam Hari
Sprint-4	User Management	USN-11	As an administrator, I can manage user accounts, including creating, updating, and deleting accounts.	4	High	Athithya Nandini
Sprint-4	Product Management	USN-12	As an administrator, I can add, update, and remove products from the catalogue.	4	High	Shivam Hari
Sprint-4	Order Management	USN-13	As an administrator, I can view and manage all customer orders and their statuses.	4	High	Athithya Hari
Sprint-4	Analytics	USN-14	As an administrator, I can view analytics and reports on sales, user activity, and other key metrics.	4	Medium	Shivam Nandini
Sprint-4	Content Management	USN-15	As an administrator, I can manage the content on the website, including banners, promotions, and other marketing materials.	4	High	Shivam Hari

Project Tracker, Velocity & Burndown Chart: (2 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 2023	29 Oct 2023	20	29 Oct 2023
Sprint-2	20	6 Days	31 Oct 2023	05 Nov 2023		
Sprint-3	20	6 Days	07 Nov 2023	12 Nov 2023		
Sprint-4	20	6 Days	14 Nov 2023	19 Nov 2023		

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 burndown 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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