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

Date	27 October 2023
Team ID	Team-590985
Project Name	Project - Snack Squad: A Customizable Snack Ordering and Delivery App
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	3
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	2
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	4
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	3
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	4
Sprint-2	Dashboard	USN-6	As a mobile user, I can view a personalized dashboard with my account information and recent activity.	2	High	2
Sprint-2		USN-7	As a mobile user, I can see a list of my recent orders and their status on the dashboard.	1	High	3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration	USN-8	As a web user, I can register for the application by providing my email, password, and confirming my password.	1	High	2
Sprint-2		USN-9	As a web user, I will receive a confirmation email after registering for the application.	2	High	4
Sprint-3		USN-10	As a web user, I can register for the application using my Google account.	2	Low	4
Sprint-4	Accessibility	USN-11	As a customer care executive, I can view and search for customer profiles.	2	High	3
Sprint-4		USN-12	As a customer care executive, I can update customer information in the system.	1	High	3
Sprint-4		USN-13	As a customer care executive, I can initiate chat sessions with customers for support.	2	Medium	2
Sprint-5	Accessibility	USN-14	As an administrator, I can manage user roles and permissions.	1	High	4
Sprint-5		USN-15	As an administrator, I can monitor and analyse system performance and usage.	2	Medium	3

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

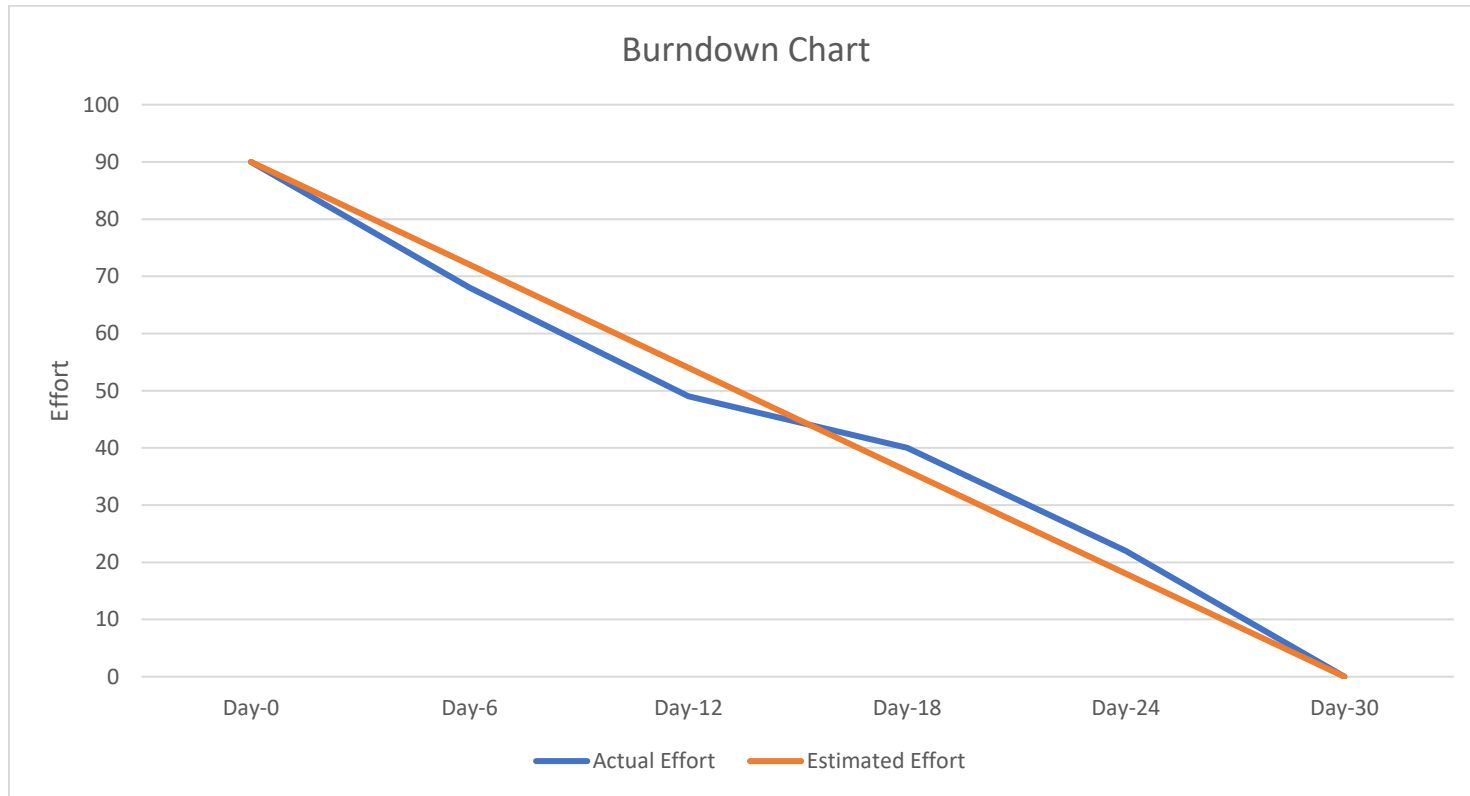| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 Days	24 Oct 2023	29 Oct 2023	6	29 Oct 2023
Sprint-2	7	6 Days	31 Oct 2023	05 Nov 2023	7	05 Nov 2023
Sprint-3	3	6 Days	07 Nov 2023	12 Nov 2023	3	14 Nov 2023
Sprint-4	5	6 Days	14 Nov 2023	19 Nov 2023	5	20 Nov 2023
Sprint-5	3	6 Days	21 Nov 2023	26 Nov 2023	3	26 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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