Project Planning Phase

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

Date	19 November 2023
Team ID	591834
Project Name	Walmart store sale forecasting
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	Login	USN-1	a mobile user, I want to register for the sales forecasting application by providing my email As, password, and confirming my password.	23	High	Bhoomika, Subhash
	Dashboard Access	USN-2	As a web user, I want to access the sales forecasting dashboard upon logging in.	5	High	Bhagya sri,Bhoomika
Sprint-2	Set Sales Targets	USN-3	As a web user, I want to set sales targets for specific time periods on the dashboard	7	Medium	Subhash,Bhagyasri
	View Sales Data	USN-4	As a customer care executive, I want to view sales data and forecasts for different Walmart stores.	25	Medium	Bhoomika,Bhagya sri

	Respond to Store Inquiries	USN-5	As a customer care executive, I want to respond to inquiries from specific Walmart stores regarding sales forecasts.	10	Medium	Subhash,Bhoomika
Sprint-3	Configure Forecasting Models	USN-6	As an administrator, I want to configure sales forecasting models and algorithms for different Walmart stores.	30	Medium	Bhagya Sri,Subhash

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	35	6 days	1-11-2023	6-11-2023	35	6-11-2023
Sprint-2	35	7 days	7-11-2023	13-11-2023	30	14-11-2023
Sprint-3	30	7 days	14-11-2023	20-11-2023	30	20-11-2023

Velocity:

velocity=(35)/5=7
velocity=(30)/5=6
velocity=(30)/5=6

AV=35+30+30\6+6+7
=5

Burndown Chart:

- Duration: 6 dys
- Sprint Backlog: 6 tasks
- Velocity: 12 available hours

Step 1 – Create Estimate Effort

Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
12	10	8	6	4	2	0

Step 2 – Track Daily Process

Task	Hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Total Hours
Task1	2	1	0	0	0	0	1	2
Task 2	2	0	1	0	0	1	0	2
Task 3	1	1	0	0	0	0	0	1
Task 4	2	0	0	2	0	0	0	2
Task 5	3	0	0	0	3	0	0	3
Task 6	2	0	2	0	0	0	0	3

Step 3 – Compute the Actual Effort

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 4 – Obtain the Final Dataset

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 5 – Plot the Burndown using the Dataset