

## Project Planning Phase

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

Date	15 November 2023
Team ID	Team-592143
Project Name	Walmart Sales Analysis For Retail Industry With Machine Learning
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Interface	USN-1	As a Store Manager, I want user friendly interface	3	High	Manasa Viriyala
Sprint-1		USN-2	As a Store Manager, I want expected number of fields to give input	3	High	Manasa Viriyala
Sprint-2	Comparative Analysis	USN-3	As a Regional Manager, I view and compare sales across multiple stores	4	High	Hasitha Meka
Sprint-2	Holiday Impact Analysis	USN-4	As a Store manager, I want to access the insights to understand the impact of holidays on sales.	4	High	Hasitha Meka
Sprint-2	Trend Analysis	USN-5	As a Strategist, I want to identify patterns and trends in historical sales data for strategic decision making	4	High	Vinukonda Venkat

Sprint-2	Recommendations	USN-6	As a store manager, I want recommendations for improved decision making.	4	High	Vinukonda Venkat
Sprint-3	Prediction	USN-7	As a Data Analyst, I want to forecast future sales trends accurately	3	High	Sathvik Vadarevu
Sprint-3		USN-8	As a Data Analyst, I want clear display of prediction	3	High	Sathvik Vadarevu

#### Project Tracker:

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	5 Days	25 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	16	8 Days	30 Oct 2022	07 Nov 2022	16	07 Nov 2022
Sprint-3	6	6 Days	08 Nov 2022	13 Nov 2022	6	13 Nov 2022

#### Velocity:

Average Velocity (Sprint 1) = Sprint Duration/velocity = 6/5 = 1.2

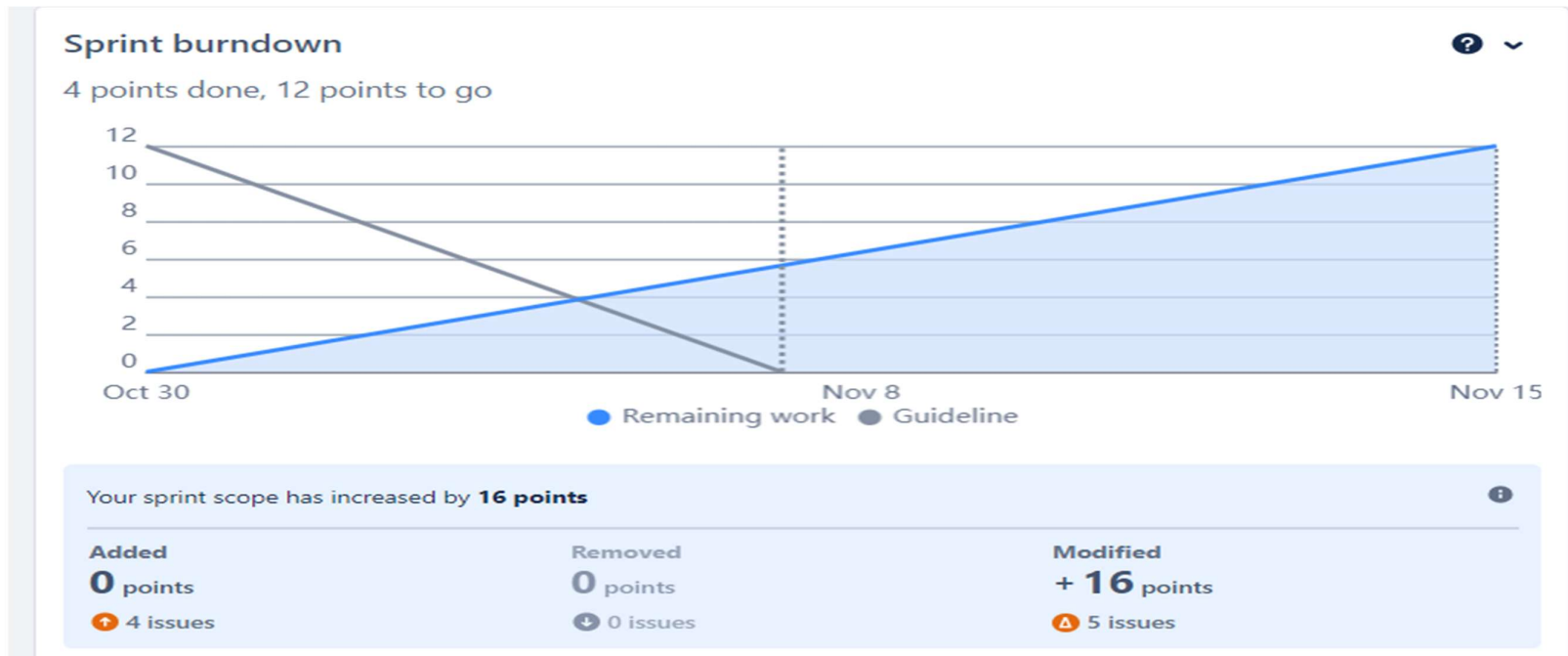
Average Velocity (Sprint 2) = Sprint Duration/velocity = 16/8 = 2

Average Velocity (Sprint 3) = Sprint Duration/velocity = 6/6 = 1

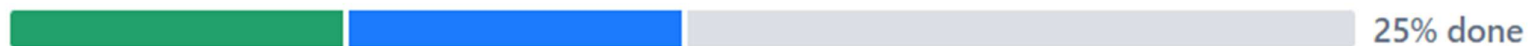
Total Average Velocity = 1.4

### 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.



### Sprint progress



Done	In progress	Not started
25%	25%	50%

### Epic progress



This sprint is working towards **4 epics**

WSFWML-25 Holiday Impact Analysis	0% done
-----------------------------------	---------



WSFWML-28 Recommendations	0% done
---------------------------	---------



WSFWML-27 Trend Analysis	100% done
--------------------------	-----------



WSFWML-23 Comparative Analysis	0% done
--------------------------------	---------



Jira Software

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Q Search

Walmart Sales Forecasti...

Software project

PLANNING

Timeline

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Walmart Sales Forecasting with machine learning

Timeline

HM

S

JMV

Status category

Epic

View settings

VINUKONDA VENKAT 218CE9136

		NOV	DEC	JAN '24
Sprints		W... WSPFWML... WSF...		
> WSPFWML-19 User Interface				
> WSPFWML-23 Comparative Analysis				
> WSPFWML-25 Holiday Impact Analysis				
> WSPFWML-27 Trend Analysis				
> WSPFWML-28 Recommendations				
> WSPFWML-30 Prediction				
+ Create Epic				

Today

Weeks

Months

Quarters

Jira Software

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Search

Help

Settings

Profile

Walmart Sales Forecasti...

Software project

PLANNING

Timeline

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Walmart Sales Forecasting with machine learning

Backlog

Search

IMVJHM S

Epic

Insights

View settings

Create issue

WSFWML Sprint 2 30 Oct – 7 Nov (4 issues) 8 1 4 Complete sprint

WSFWML-24 view and compare sales across multiple stores COMPARITIVE... TO DO 4 HM

WSFWML-34 To Visualise the Holiday Impact on sales HOLIDAY IMP... TO DO 4 HM

WSFWML-35 Identify the trends in Historical sales data TREND ANAL... DONE 4

WSFWML-36 Expect recommendations for strategic decision making RECOMMEND... IN PROGRESS 4

Create issue

WSFWML Sprint 3 8 Nov – 13 Nov (2 issues) 6 0 0 Complete sprint

WSFWML-31 Deploy a Accurate model for forecasting future sales PREDICTION TO DO 3 S

WSFWML-32 Clear Description of Results PREDICTION TO DO 3 S

Jira Software

Your work

Projects

Filters

Dashboards

Teams

Plans

Apps

Create

Search

Help

Settings

Profile

Walmart Sales Forecasti...

Software project

PLANNING

Timeline

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Walmart Sales Forecasting with machine learning

All sprints

Search

IMVJHM S

Epic

Sprint

Clear filters

0 days remaining

Complete sprint

GROUP BY None

Insights

View settings

VINUKONDA VENKAT 218CE9136

TO DO

IN PROGRESS 1 OF 1

Expect recommendations for strategic decision making RECOMMENDATIONS WSFWML-36 4

DONE 1 OF 1

Identify the trends in Historical sales data TREND ANALYSIS WSFWML-35 4

