

Date	14 November 2023
Team Id	Team-592540
Project Name	Time Series Analysis For Bitcoin Price Prediction Using Prophet
Maximum Marks	20 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 Required	USN-1	As a user,I can visit the website and get to know about the current price of that bitcoin	8	High	NIDUMOLU SAIRAM GOPAL
Sprint-1	Registration Required	USN-2	As a user, I can log into the application by entering email & password	5	Medium	PARUCHURI RAJESH
Sprint-2	Login	USN-3	As a trader, I want the website to provide additional market data and analysis	7	Low	NADIMIPELLI SHAKEEB

			related to Bitcoin's price to help me make informed decisions.			
Sprint-3	Login	USN-4	As an investor, I want to see the historical price trends of Bitcoin on the website, allowing me to analyze its performance over time.	5	Low	NADIMPELLI SHAKEEB

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	13	7 Days	18 Oct 2023	25 Oct 2023	20	18 Oct 2023
Sprint-2	7	8 Days	26 Oct 2023	02 Nov 2023		
Sprint-3	5	2 Days	3 Nov 2023	5 Nov 2023		

Velocity:

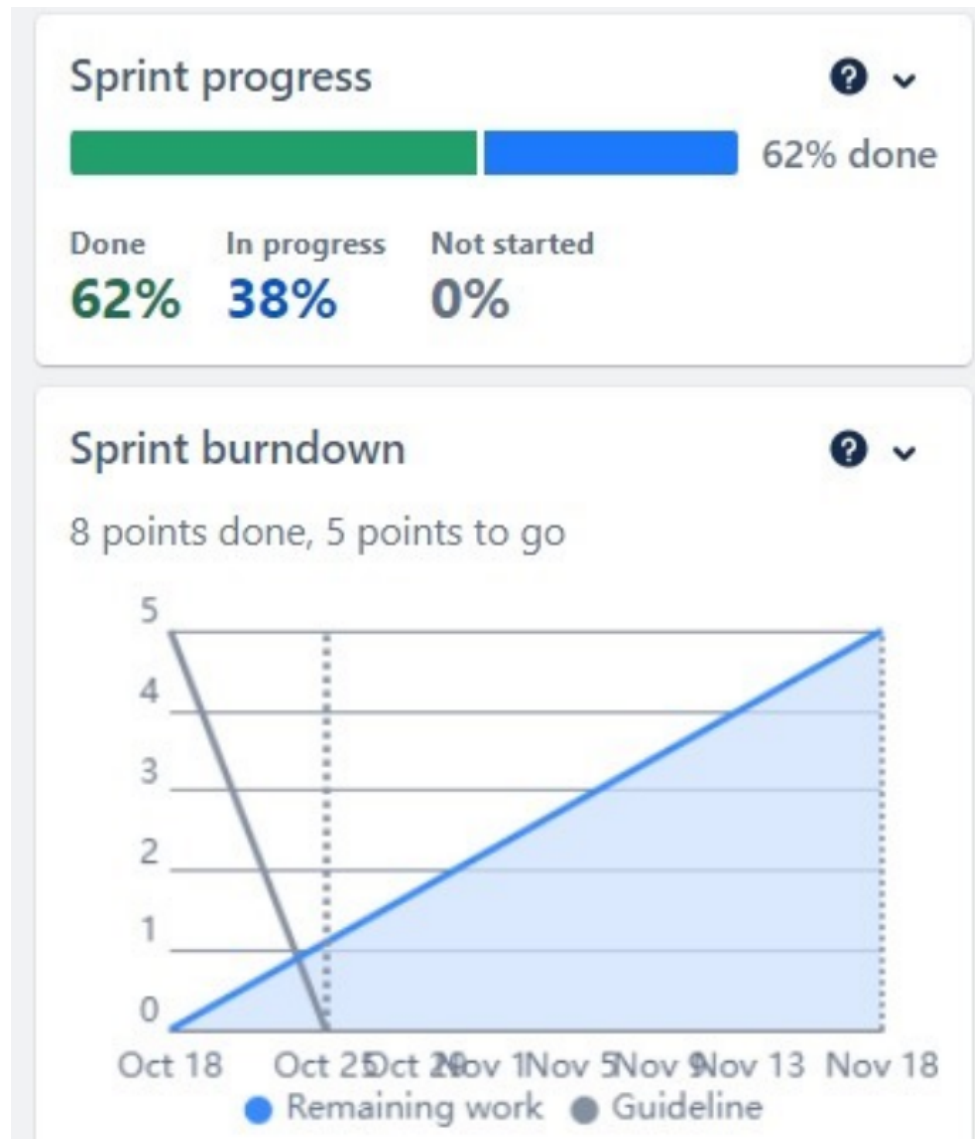
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

$$AV = 29/20 = 1.45$$

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.



Your sprint scope has increased by **13 points**



Added

0 points

⬆ 2 issues

Removed

0 points

⬇ 0 issues

Modified

+ 13 points

⬆ 2 issues

Epic progress



This sprint is working towards **1 epic**

BIT-3 Registration Required

61% done



BOARD SELECTION:

PLANNING

Timeline

Backlog

Board

+ Add view

DEVELOPMENT

Code

Wiki

Add shortcut

Project settings

You're in a team-managed project

Learn more

TO DO 1

IN PROGRESS 2

DONE 1

+

BIT-3 Registration Required 2 issues

TO DO

As a user, I can log into the application by entering email and password

BIT-5 5

As a user, I can visit the website and get to know about the current price of that bitcoin

BIT-4 8

BIT-6 Login_1 1 issue

TO DO

As a trader, I want the website to provide additional market data and analysis related to Bitcoin's price to help me make informed decisions.

BIT-7 7

BIT-8 Login_2 1 issue

TO DO

As an investor, I want to see the historical price trends of Bitcoin on the website, allowing me to analyze its performance over

BACKLOG SELECTION:

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Epic

Issues without epic

> Registration Required

> Login_1

> Login_2

+ Create epic

▼ BIT Sprint 1 18 Oct – 25 Oct (2 issues)

058Complete sprint...

Registration Required

BIT-4 As a user, I can visit the website and get to know about the current price of that bitc...REGISTRATION REQUIRDONE8

BIT-5 As a user, I can log into the application by entering email and passwordREGISTRATION REQUIRIN PROGRESS5

+ Create issue

▼ BIT Sprint 2 26 Oct – 2 Nov (1 issue)

070Complete sprint...

BIT-7 As a trader, I want the website to provide additional market data and analysis related...LOGIN1IN PROGRESS7

+ Create issue

▼ BIT Sprint 3 3 Nov – 5 Nov (1 issue)

500Complete sprint...

BIT-9 As an investor, I want to see the historical price trends of Bitcoin on the website, allo...LOGIN2TO DO5

+ Create issue

Timeline:

