

Project Planning Phase

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

Date	20 November 2023
Team ID	592286
Project Name	Online Payments Fraud Detection
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	user & system	USN-1	As an API consumer, I want to integrate the Credit Card Fraud Prediction API into my application to automate fraud for a batch of transactions.	1	High	Vyshnavi
Sprint-1		USN-2	As a user, i want my web application to be coherent and accessible.	2	High	Rishitha
Sprint-2	Fraud recognition	USN-3	As an Analyst, I want feature enabling it to recognize complex fraud patterns and adapt to emerging threats.	2	Low	Vyshnavi
Sprint-1		USN-4	As a user, I want to input transaction details into the Credit Card Fraud Detection web application to receive a prediction.	2	High	Rishitha
Sprint-1		USN-5	As an API consumer I should receive meaningful error messages in case of issues, facilitating debugging and troubleshooting.	2	High	Gnana Sai
Sprint-2		USN-6	As an Administrator, I want a configurable dashboard to monitor the performance of the fraud detection algorithms, allowing for real-time adjustments and ensuring optimal accuracy.	2	High	Keerthana
Sprint-2		USN-7	As a Customer, I want a frictionless user experience, where the system dynamically adjusts security measures based on the risk level of the transaction.	2	Medium	Gnana Sai

Sprint-2		USN-8	As a Compliance, I want comprehensive audit logs and reporting features integrated into the fraud detection system, ensuring transparency and compliance with regulatory requirements.	2	Low	Keerthana
Sprint-2		USN-9	As a Software Developer, I want a documented and standardized API for integrating third-party data sources into the fraud detection system, enhancing the system's capabilities with external threat intelligence.	2	Medium	Rishitha

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	7	6 Days	15 Oct 2023	31 Oct 2023	17	22 Nov 2023
Sprint-2	10	6 Days	1 Nov 2023	21 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)

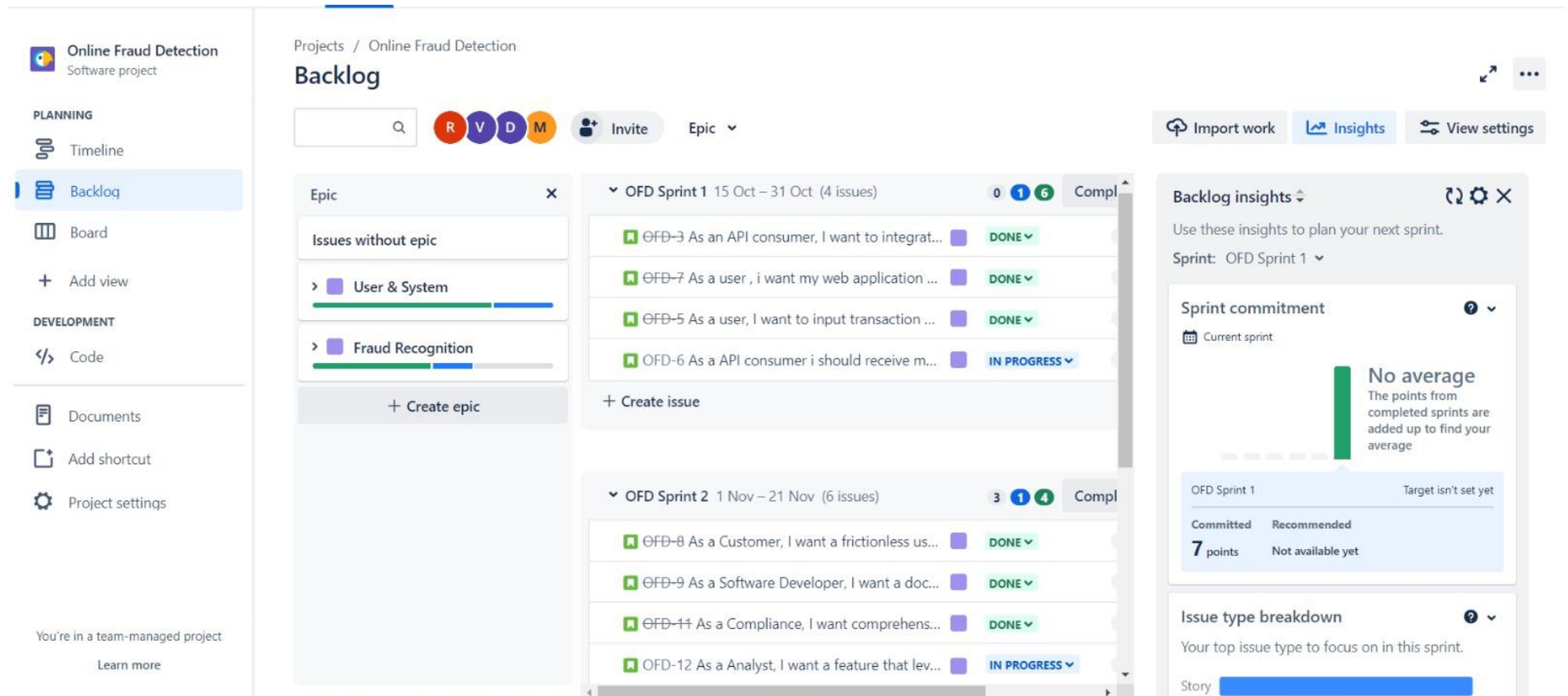
$$AV = \frac{\textit{sprint duration}}{\textit{velocity}}$$

$$= 17/10$$

$$= 1.7$$

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.



PLANNING

Timeline

Backlog

Board

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DEVELOPMENT

Code

Documents

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All sprints



Complete sprint



Invite

Epic

Sprint

GROUP BY

None

Import work

Insights

View settings

TO DO 2

As a user, I want to explore historical fraud trends in the Credit Card Fraud Detection web application to gain insights into potential risks.

FRAUD RECOGNITION

OFD-13

1 V

As a Administrator, I want a configurable dashboard to monitor the performance of the fraud detection algorithms, allowing for real-time adjustments and ensuring optimal accuracy.

FRAUD RECOGNITION

OFD-10

2 M

IN PROGRESS 2

As a API consumer i should receive meaningful error messages in case of issues, facilitating debugging and troubleshooting.

USER & SYSTEM

OFD-6

1 D

As a Analyst, I want a feature that leverages historical transaction data to train the machine learning model, enabling it to recognize complex fraud patterns and adapt to emerging threats.

FRAUD RECOGNITION

OFD-12

1 V

DONE 6 ✓

As an API consumer, I want to integrate the Credit Card Fraud Prediction API into my application to automate fraud for a batch of transactions.

USER & SYSTEM

OFD-3

✓

As a user , i want my web application to be coherent and accessible

USER & SYSTEM

OFD-7

✓

As a user, I want to input transaction details in Credit Card Fraud Detection application to receive a

Sprint progress



86% done

Done 86% In progress 14% Not started 0%

Sprint burndown



2 points done, 1 point to go



Your sprint scope has increased by 3 points





Your sprint scope has increased by **3 points** ⓘ

Added

0 points

↑ 5 issues

Removed

0 points

↓ 0 issues

Modified

+ 3 points

⚠ 5 issues

Epic progress ⓘ ▾

This sprint is working towards **1 epic**

OFD-1 User & System

85% done



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