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

Date	6 Nov 2023
Team ID	Team-593033
Project Name	Fake/Real Logo detection using deep learning
Team Members	Satyam Pundir, Ranpura Divy Dharmeshbhai, Samarth Patel, Utkarsh Gupta

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	Protect brand identity and prevent fraud	US-1	Automatically detect fake logos	5	High	1,2
Sprint 2	Automate logo authentication	US-2	Get notified of unauthorized logo usage	3	Medium	2,3
Sprint 3	Automate logo authentication	US-3	Verify the authenticity of logos before making a purchase	2	Low	3,4
Sprint 4	Protect brand identity and prevent fraud	US-4	Train the system to detect specific brand logos	5	High	1,2
Sprint 5	Automate logo authentication	US-5	Customize the system to alert for specific types of unauthorized logo usage	3	Medium	2,3
Sprint 6	Ensure the authenticity of products or services	US-6	Easily access the system to verify the authenticity of logos	2	Low	3,4

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	20	4 Days	9 Oct 2023	13 Oct 2023	20	N/A
Sprint-2	20	4 Days	14 Oct 2023	18 Oct 2023	18	N/A
Sprint-3	20	4 Days	19 Oct 2023	23 Oct 2023	19	N/A
Sprint-4	20	4 Days	24 Oct 2023	28 Oct 2023	11	N/A
Sprint-5	20	4 Days	29 Oct 2023	1 Nov 2023	19	N/A
Sprint-6	20	4 Days	2 Nov 2023	6 Nov 2023	20	N/A

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 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.

Story Points Completed (as on Planned End Date)

13-Oct-23	18-Oct-23	23-Oct-23	28-Oct-23	1 Nov 2023	6 Nov 2023
09-Oct-23	14-Oct-23	19-Oct-23	24-Oct-23	29-Oct-23	2 Nov 2023
4 Days	4 Days	4 Days	4 Days	4 Days	4 Days
20	20	20	20	20	20
Sprint-1	Sprint-2	Sprint-3	Sprint-4	Sprint-5	Sprint-6