Project Planning Phase

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

Date	30 October 2023
Team ID	Team ID – 592449
Project Name	Project – Fake/Real Logo Detection using Deep Learning
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	Data Collection and Preprocessing	USN-1	Gather and preprocess a dataset of fake and real logos for model training.	5	High	Vivek
Sprint-2	Model Development	USN-2	Design and develop a deep learning model for logo detection.	8	High	Vivek
Sprint-3	Model Training and Validation	USN-3	Train the deep learning model on the dataset and validate its performance.	5	Low	Vivek
Sprint-4	Website Front-End Design	USN-4	Create a user-friendly front-end interface for users to interact with the system.	5	Medium	Badri, Vidya
Sprint-5	Website Back-End Development	USN-5	Develop the back-end of the website to handle user requests and model integration.	8	High	Badri, Vidya
Sprint-6	Model Integration with Flask	USN-6	Integrate the trained model with the website using Flask for serving predictions..	5	High	Pranit
Sprint-7	User Interface Testing	USN-7	Perform user interface testing to ensure the website functions correctly and is user-friendly.	5	Medium	Vivek, Badri, Vidya, Pranit
Sprint-8	System Testing and Optimization	USN-8	Conduct system testing and optimization to enhance performance and reliability.	8	High	Vivek, Badri, Vidya, Pranit
Sprint-9	Documentation	USN-9	Create comprehensive project documentation, including user guides and technical documentation.	3	Low	Vivek, Badri,

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	1 Days	27 Oct 2023	28 Oct 2023	20	27 Oct 2023
Sprint-2	20	2 Days	29 Oct 2023	31 Oct 2023	20	29 Oct 2023
Sprint-3	20	1 Days	01 Nov 2023	02 Nov 2023	20	01 Nov 2023
Sprint-4	20	2 Days	03 Nov 2023	05 Nov 2023	20	03 Nov 2023
Sprint-5	20	2 Days	06 Nov 2023	08 Nov 2023	20	06 Nov 2023
Sprint-6	20	2 Days	09 Nov 2023	11 Nov 2023	20	09 Nov 2023
Sprint-7	20	1 Days	14 Nov 2023	15 Nov 2023	20	14 Nov 2023
Sprint-8	20	1 Days	16 Nov 2023	17 Nov 2023	20	16 Nov 2023
Sprint-9	20	1 Days	18 Nov 2023	19 Nov 2023	20	18 Nov 2023

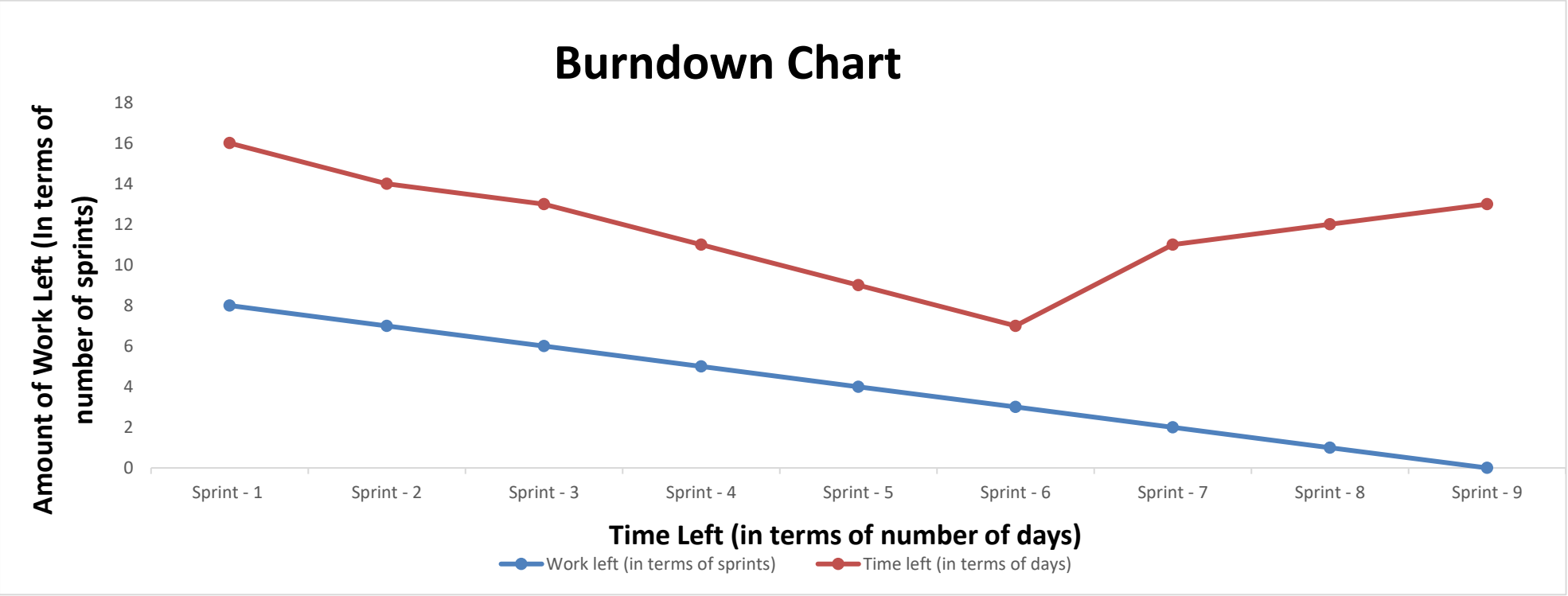
Velocity:

We have a 17-day sprint duration, and the velocity of the team is 20 (points per sprint). The team's average velocity (AV) per iteration unit (story points per day)

$$\textit{Average Velocity (AV) = sprint duration/velocity = 20/17 = 1.176}$$

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.



https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts