

Project Planning Phase

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

Date	20 November 2023
Team ID	Team-592436
Project Name	Crime Vision: Advanced Crime Classification With Deep 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Diya
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ridhima
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Ambika, Ridhima

Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Ambika
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Diya, Ridhima
Sprint-1	Dashboard	USN-6	As a user, I can select the 'Submit Crime Evidence' button to submit photo and video footage from my device (mobile/desktop/laptop)	8	High	Ridhima
Sprint-1	Dashboard	USN-7	As a user, I can choose 'Basic Classification' to receive a preliminary classification.	5	High	Ambika, Diya
Sprint-1	Dashboard	USN-8	As a user, I can choose 'Premium Analysis' to subscribe and access detailed crime analysis.	8	High	Ridhima
Sprint-2	Dashboard	USN-9	As a user, I can navigate to 'History' so as to review previous classifications and analysis	3	Low	Ambika
Sprint-2	User assistance	USN-10	As a customer care executive, I can assist users in the process of submitting crime evidence.	3	High	Ambika, Ridhima
Sprint-3	User assistance	USN-11	As a customer care executive, I can address user issues related to basic or premium crime classification.	3	High	Diya
Sprint-2	Platform management	USN-12	As an administrator, I can monitor user activity and interactions with the platform.	5	High	Diya, Ridhima

Sprint-3	Platform management	USN-13	As an administrator, I can manage premium subscriptions, including user upgrades, renewals, and cancellations.	5	Medium	Ambika, Ridhima
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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	27	10 Days	31 Oct 2023	9 Nov 2023	27	9 Nov 2023
Sprint-2	13	6 Days	10 Nov 2023	15 Nov 2023	12	15 Nov 2023
Sprint-3	8	4 Days	16 Nov 2023	19 Nov 2023	9	19 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)

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

Average Velocity = $27 + 12 + 9 / 3 = 16$

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.

Estimate Effort

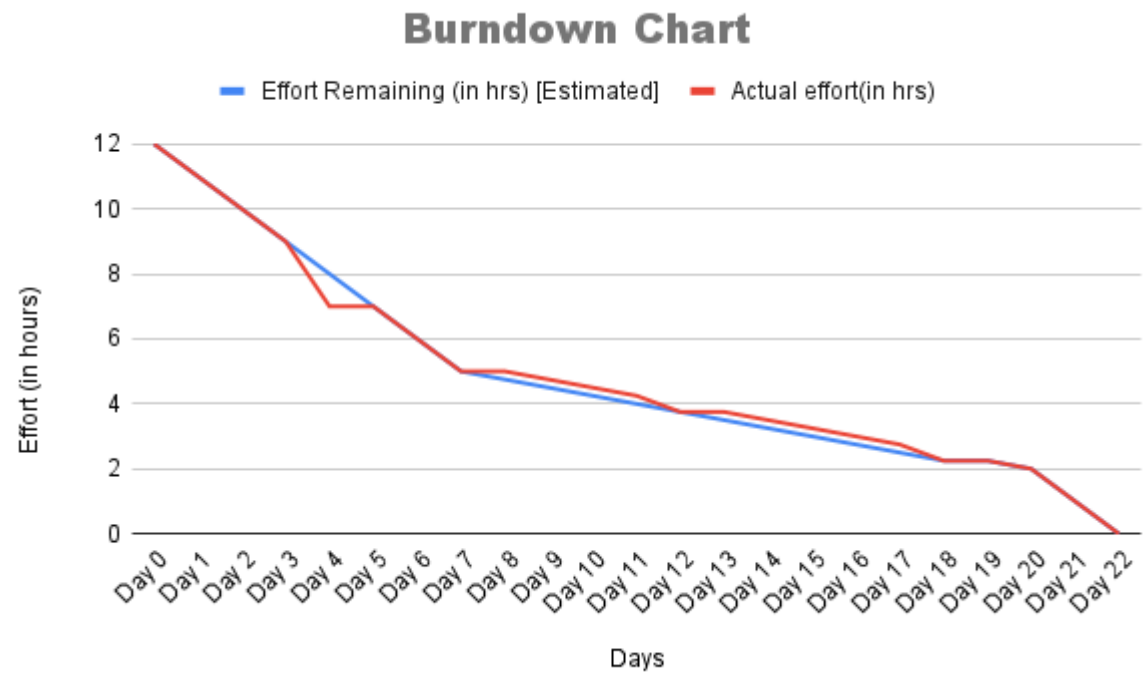
	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22
Effort Remaining (in hrs)	12	11	10	9	8	7	6	5	4.75	4.5	4.25	4	3.75	3.5	3.25	3	2.75	2.5	2.25	2.25	2	1	0

Daily Progress Tracking

Daily Progress	Task	Completion	Time Required
	Empathy Map Canvas	Day 1	1
	Brainstrom and Prioritize Ideas	Day 2	1
	Proposed Solution	Day 3	1
	Solution Architecture	Day 4	1
	Data Flow Diagram	Day 5	1
	Technology Stack	Day 6	1
	Project Planning Details	Day 7	1
	Project Development Phase	Day 8-Day 20	3
	Solution Performance	Day 21	1
	Project Documentation	Day 22	1

Actual Effort

Days	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22
Actual effort	12	11	10	9	7	7	6	5	5	4.75	4.5	4.25	3.75	3.75	3.5	3.25	3	2.75	2.25	2.25	2	1	0
Effort Remaining (in hrs) [Estimated]	12	11	10	9	8	7	6	5	4.75	4.5	4.25	4	3.75	3.5	3.25	3	2.75	2.5	2.25	2.25	2	1	0



<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>