

Project Planning Phase

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

Date	27 October 2022
Team ID	PNT2022TMID08057
Project Name	Smart Lender-Applicant Credibility Prediction For Loan Approval
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	VIJAYARAVINTHAN N PREETHA M
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	VYSHAK V PREETHA M
Sprint-1	Login	USN-3	As a user, I can login the application through email	2	Low	THARANI M VIJAYARAVINTHAN N
Sprint-2	Documents Upload	USN-4	As a user,I can upload all my details and documents	3	High	PREETHA M VYSHAK V
Sprint-2	View Details	USN-5	As a user ,I can view all the details and procedure	2	Low	PREETHA M THARANI M
Sprint-3	View user details	USN-6	As a Loan Approval administrator,I can view the user details	3	Medium	PREETHA M VYSHAK V
Sprint-3	Credit score verification	USN-7	As a Loan Approval administrator ,I can verify the cibil score details	3	High	VYSHAK V VIJAYARAVINTHAN N
Sprint-4	Verify Documents	USN-8	As a Bank Administrator ,I can verify all the documents and proofs uploaded by the user.	3	High	PREETHA M VIJAYARAVINTHAN N
Sprint-4	Loan Approval Details	USN-9	As a Bank Administrator ,I can Approve or Reject the loan for the customer based on the uploaded details	3	High	VIJAYARAVINTHAN N VYSHAK V THARANI M
Sprint-4		USN-10	As a user,I can get the confirmation mail through email or messages.	2	Medium	THARANI M VYSHAK V

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	19 Nov 2022

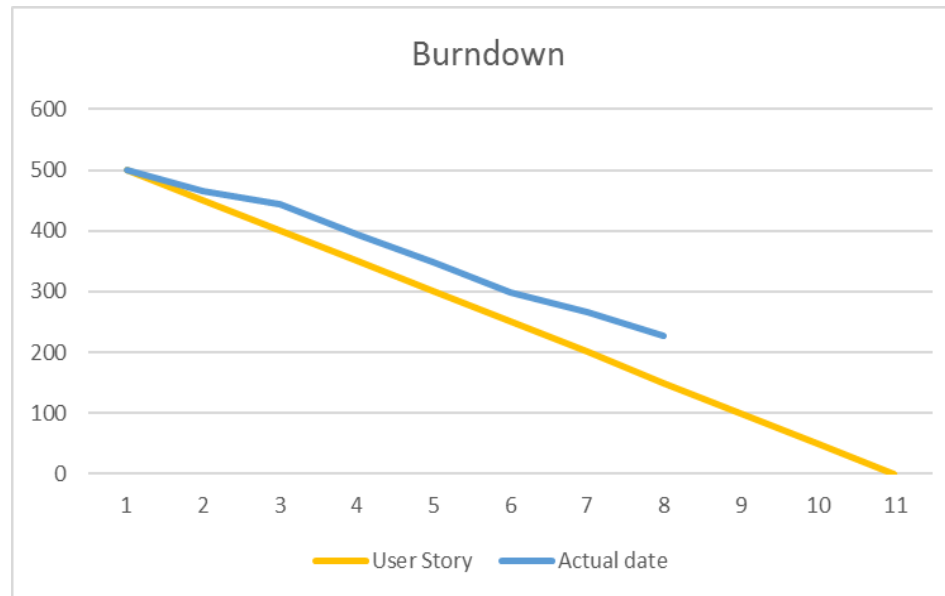
Velocity:

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)

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

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.



<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>