

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID10652
Project Name	Online book store
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	1
Sprint-1	Confirmation mail sending	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	1
Sprint-2	Creating Account	USN-3	As a user, I can register for the application through Facebook	2	Low	1
Sprint-1	Homepage	USN-4	As a user, I can register for the application through Gmail	2	Medium	1
Sprint-1	Login and Dashboard	USN-5	As a user, I can log into the application by entering email & password	1	High	4
Sprint-2	Dashboard	USN-6	As a user, it display all different genres of books	1	High	2
Sprint-2		USN-7	We are shown in the different types of books	2	Medium	2

Sprint-2		USN-8	We can monitor all the dashboard mini version in the main lobe	1	Low	3
Sprint-3	Employee dashboard	USN-9	We create the employee upload details and employee personal Info	1	Medium	4
Sprint-3		USN-10	We can Manage the entire Employee	1	High	2
Sprint-4	Stock Report	USN-11	We manage the stock details and maintain the old stock's and new stock's details	2	High	4
Sprint-4		USN-12	We can add the new stocks and maintain the count	1	Medium	3
Sprint-4	Customer Dashboard	USN-13	We can manage the customer info and purchasing materials and amount	2	Medium	1
Sprint-3	Sell Report	USN-14	We add the selling material's and we maintain the accounts	1	High	3
Sprint-3		USN-15	We are manage the sell report in the admin side	1	Medium	2
Sprint-3	Suppliers Dashboard	USN-16	We are manage the suppliers list and we are maintain the supplies materials	2	High	1

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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 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>