

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

Date	19 October 2023
Team ID	NM2023TMID06857
Project Name	ESTIMATION OF BUSINESS PROJECT
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 Member
Sprint-1	Project Scope	USN-1	Establish the boundaries and limitations of the project scope to ensure a clear understanding of what is included and excluded.	5	High	ROHITH DEVARAJK UMAR
Sprint-2	Stakeholder Requirements	USN-2	Identify and engage with key stakeholders, such as clients, customers, team members, and investors, to gather their specific needs and expectations.	8	High	SOLARAJA MOHAMED ASHIK
Sprint-3	Research and Data Gathering	USN-3	Conduct market research to understand the industry, competition, and target audience. Gather data and information related to the project, such as market trends, customer preferences, regulatory requirements, and technological	10	HIGH	ROHITH DEVARAJK UMAR

			considerations.			
Sprint-4	Budget and Financial Requirements	USN-4	Determine the budget needed for the project, including startup costs, ongoing operational expenses, and potential sources of funding. Assess the financial feasibility of the project by creating financial projections and conducting a cost-benefit analysis.	5	Medium	SOLAIRAJA MOHAMED ASHIK
Sprint-5	Resource Requirements	USN-5	Identify the human resources, skills, and expertise required for the project. Determine the physical resources, equipment, technology, and infrastructure needed to support the project	6	Medium	ROHITH DEVARAJK UMAR
Sprint-6	Timeline and Schedule	USN-6	Define the project timeline, including milestones, deadlines, and critical paths. Consider any time-sensitive factors that may impact the project's success	6	Medium	SOLAIRAJA MOHAMED ASHIK
Sprint-7	Legal and Regulatory Requirements	USN-7	Understand and comply with all relevant laws, regulations, permits, licenses, and certifications needed for the project. Consider intellectual property, patents, trademarks, and other legal considerations.	5	Medium	ROHITH DEVARAJK UMAR

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Pointa	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	2Days	21 Oct 2023	22 Oct 2023	20	22 Oct 2023
Sprint-2	20	2 Days	23 Oct 2023	24 Oct 2023	20	24 Oct 2023
Sprint-3	20	3 Days	25 Oct 2023	27 Oct 2023	20	24 Oct 2023
Sprint-4,5	20	3 Days	28 Oct 2023	30 Oct 2023	20	24 Oct 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

Average Velocity (AV) per iteration unit = Total Velocity / Number of Days

In this case, the total velocity is 20 points per sprint, and the sprint duration is 10days.
By applying the formula:

AV per iteration unit = 20 points/10 days = 2 points per day

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.



