

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID39919
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
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 lifeguard , I can register for the application by entering my email, password, and confirming my password.	2	High	Aishwarya
Sprint 1	User conformation	USN-2	As a lifeguard, I will receive the conformation mail once I have registered for the application	2	Medium	Jogi.Dileep kumar reddy
Sprint-1	Login	USN-3	As a lifeguard , I can log into the application by entering email& password	2	High	R.dinesh

Sprint-2	Cloudant DB	USN-1	Create DB	2	High	Aswini
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Sprint-3	Coding (Accessing datasets)	USN-1	Coding is a set of instructions used to manipulate information so that a certain input results in a particular output.	2	High	Aishwarya
Sprint-4	Application building	USN-1	As a Lifeguard , It will show the current Information of the swimming pool	1	Medium	Jogi.Dileep kumar reddy

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	4 Days	24 Oct 2022	27 Oct 2022		
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022		
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022		
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022		

VELOCITY:

Sprint 1 average velocity:

$$\text{Average Velocity} = 20/4 = 5$$

Sprint 2 average velocity:

$$\text{Average Velocity} = 20/5 = 4$$

Sprint 3 average velocity:

$$\text{Average Velocity} = 20/8 = 2.5$$

Sprint 4 average velocity:

$$\text{Average Velocity} = 20/9 = 2.22$$

Burndown Chart:

