

ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	6 November 2022
TeamID	PNT2022TMID49098
ProjectName	Project–Statistical Machine Learning Approaches to liver disease prediction
MaximumMarks	8 Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

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	Login	USN-1	As a user, I can login for the application by entering my mail	1	High	Sakthisubashini
Sprint-1		USN-2	As a user, I will login and get confirmation mail once I have registered	2	High	Manivanitha
Sprint-2		USN-3	As a user, I can login for the application through mobile number	2	Medium	Logapriya
Sprint-3	Dashboard	USN-4	As a user, I need to enter my details	1	High	Nisha
Sprint-3	Dashboard	USN-5	As a user, I need to provide my Test Details	2	High	Sakthisubashini Logapriya
Sprint-3	services	USN-6	As an admin I need to provide valid result	3	High	Manivanitha Nisha
Sprint-3		USN-7	As an admin I need to provide valid/useful suggestions	6	Medium	Sakthisubashini
Sprint-4	Data Process	USN-8	As an admin I need to collect all the details and information.	2	High	Nisha
Sprint-4		USN-9	As an admin I need to store all the details and information	3	High	Manivanitha
Sprint-4	Login	USN-10	As an admin I need to login and access details of customers	5	High	Logapriya
Sprint-4	Dashboard	USN-11	As an admin I need to proceed the details with case head	12	High	Manivanitha, Nisha

ProjectTracker,Velocity&BurndownChart: (4Marks)

Sprint	Total StoryPoints	Duration	SprintStartDate	SprintEndDate(Planned)	StoryPointsCompleted (as onPlannedEndDate)	SprintReleaseDate(Actual)
Sprint-1	20	6Days	24Oct2022	29Oct2022	20	29Oct2022
Sprint-2	20	6Days	31Oct2022	05Nov2022		
Sprint-3	20	6Days	07Nov2022	12Nov2022		
Sprint-4	20	6Days	14Nov2022	19Nov2022		

Velocity:

Imaginewehavea10-daysprintduration,andthevelocityoftheteamis 20 (points persprint).Let's calculatetheteam's averagevelocity(AV)periterationunit(storypointsperday

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

BurndownChart:

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, burndown charts can be applied to any project containing measurable progress over time.

[https://www.visual-paradigm.com/scrum/scrum-burndown-](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

[chart/https://www.atlassian.com/agile/tutorials/burndown-charts](https://www.atlassian.com/agile/tutorials/burndown-charts)