

ProjectPlanningPhase
ProjectPlanning(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	14 November 2022
TeamID	PNT2022TMID31164
ProjectName	Project-NewsTrackerApplication
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Sprint	FunctionalRequirement (Epic)	UserStoryNumber	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	
Sprint-1		USN-3	As a user, I can register for the application through Gmail	5	Medium	
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	
Sprint-2	Dashboard	USN-5	As a user, I can enter the interests and choices of news I want to see for the first time in dashboard.	10	High	
Sprint-2	Dashboard User Interface	USN -11	Administrator designing the user interface	10	Medium	
Sprint-3		USN-6	As a user I can go through the feed of news filtered according to my wish.	10	High	
Sprint-3		USN-7	As a user, I can log out my account in settings.	10	Medium	
Sprint-4		USN-8	As a user, I can update my interests and choice in account settings.	10	Medium	

Sprint	FunctionalRequirement (Epic)	UserStoryNumber	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-4	Chatbot/Query	USN-9	Solveissuesbroughtupbyclient	5	Medium	
Sprint-4		USN-10	Rolloutupdatesandbugfixes	5	High	

ProjectTracker, Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	SprintStartDate	SprintEndDate(Planned)	Story PointsCompleted(aso n PlannedEndDate)	SprintReleaseDate(Actual)
Sprint-1	20	6Days	24Oct2022	29Oct2022	20	29Oct2022
Sprint-2	20	6Days	31Oct2022	05Nov2022	20	05Nov2022
Sprint-3	20	6Days	07Nov 2022	12Nov2022	20	12Nov2022
Sprint-4	20	6Days	14Nov 2022	19Nov2022	20	19Nov2022

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