

ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,Sprint Planning,Stories,Story points)

Date	22 October2022
TeamID	PNT2022TMID36906
ProjectName	InventoryManagementSystemforRetailers
MaximumMarks	8 Marks

ProductBacklog,Sprint Schedule,andEstimation(4Marks)

Usethebelowtemplatetocreateproductbacklogandsprintschedule

Sprint	FunctionalRequire ment(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Registration	USN-1	As a user, I can register for the application byusingmyemail &passwordandconfirmingmylogincredentials.	3	High	BhavaniA,Ga naSreeK,Poo jaR UmamageshwariK
Sprint-1	Emailnotification	USN-2	Asauser, Icanlogin throughmy E-mail.	3	Medium	BhavaniA,Ga naSree K,PoojaR UmamageshwariK
Sprint-1	Login	USN-3	Asauser, Icanlog intotheauthorizedaccountbyentering the registered emailand password.	3	Medium	Bhavani A,GanaSree KPoojaR UmamageshwariK

Sprint-2	Dashboard	USN-4	As a user, I can view the products that are available currently.	4	High	Bhavani A, Gana Sree K, Pooja R Umamageshwari K
Sprint-2	Stocks update	USN-5	As a user, I can add products which are not available in the inventory and restock the products.	3	Medium	Bhavani A, Gana Sree K Pooja R Umamageshwari K
Sprint-3	Product Details	USN-6	As a user, I can get access to sales prediction tool which can help me to predict better the stock management of product.	6	Medium	Bhavani A, Gana Sree K, Pooja R Umamageshwari K
Sprint-4	Giving feedback	USN-7	As a user, I am able to send feedback forms reporting any ideas for improving or resolving any issues I am facing to get it resolved.	3	Medium	Bhavani A, Gana Sree K, Pooja R Umamageshwari K

ProjectTracker,Velocity &Burndown Chart:(4 Marks)

Sprint	Total StoryPoints	Duration	SprintStartDate	SprintEndDate(Planned)	Story PointsCompleted (ason PlannedEndDate)	SprintReleaseDate(Actual)
Sprint-1	11	6Days	24Oct2022	29Oct2022	11	29Oct2022
Sprint-2	7	6Days	31Oct2022	05Nov2022	7	05Nov2022
Sprint-3	6	6Days	07Nov2022	12Nov2022	6	12Nov2022
Sprint-4	7	6Days	14Nov2022	19Nov2022	7	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(storypointsperday)

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

Ourvelocityshouldbe:

$$AV = \frac{(11+7+6+7)}{24} = \frac{31}{24} = 1.29$$

BurndownChart



