

ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18 October2022
TeamID	PNT2022TMID19077
ProjectName	Project - IOT based saftey gadget for child safetymonitoringand notification
MaximumMarks	8 Marks

ProductBacklog,Sprint Schedule,andEstimation(4Marks)

Usethebelowtemplatetocreateproductbacklogandsprintschedule

Sprint	Functional Requirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	Team Members
Sprint-1	Registration	USN-1	As a Parent/Guardian,I can register for theapplicationbyenteringmyemail,password,and confirmingmypassword.	2	High	Mohamed Arsath
Sprint-1		USN-2	Asa Parent/Guardian,Icanregisterfortheapplicati on throughGmail	1	Medium	Mohamed Ifthihar
Sprint-1	UserConfirmation	USN-3	AsaparentIwillreceiveconnection,locationinsms/ mailoncelhave enteredthisapplication	1	High	MohamedA adhiShath
Sprint-1	Login	USN-4	As a parent/ guardian , I can log into theapplicationbyenteringmailandpassword .	2	High	EsakkiRaj

Project Tracker,Velocity&BurndownChart:(4Marks)

Sprint	TotalStory Points	Duration	SprintStartDate	SprintEndDate(P lanned)	Story PointsCompleted(ason PlannedEndDate)	SprintReleaseDate(A ctual)
Sprint-1	20	4Days	24Oct2022	29Oct2022	20	29Oct2022
Sprint-2	20	5Days	28Oct2022	05Nov2022	20	04Nov2022
Sprint-3	20	8Days	02Nov2022	12Nov 2022	20	11Nov2022
Sprint-4	20	9Days	10Nov2022	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)

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