ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18October2022
TeamID	PNT2022TMID50884
ProjectName	A Gesture-based Tool for Sterile Browsing ofRadiologyImage
MaximumMarks	8 Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreate productbacklogandsprintschedule

Sprint	Functional Requirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Application/SoftwareLaunch	USN-1	Asauser, Ican launchthe developedapplication/software	1	Medium	NarayananM JasperA manikandanS Anish BellS
Sprint-1	AccessingtheUserInterface(UI)	USN-2	Asauser, Icaninteractwithsoftwareandoperatetheapplication withthehelpofUI	1	Medium	NarayananM JasperA ManikandanS Anish bellS
Sprint-2	Launching thewebcam/camera	USN-3	Asauser,Icanopenthewebcam/camerafromtheapplicationto performgestures	1	Low	NarayananM JasperA ManikandanS Anish bellS
Sprint-2	Uploadimagesfromlocalsystemformanipulation	USN-4	As a user, I can upload images to theapplicationfromlocalsystemformanipulation	2	Low	NarayananM JasperA ManikandanS Anish bellS
Sprint-3	Manipulating imagesthroughgestures	USN-5	Asauser,Icanperform variousgestureswithrespect to system specification to manipulatethe images	2	Medium	NarayananM JasperA ManikandanS Anish bellS

Sprint	Functional Requirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-4	Display theresult/output	USN-6	As a user, I can see the sterilebrowsed/manipulatedimageonthescreen withrespecttothegestureperformed	2	High	NarayananM JasperA ManikandanS Anish bellS

Project Tracker,Velocity&BurndownChart:(4Marks)

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

Velocity:

Here it is a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). The team's average velocity (AV) per iteration unit (story pointsper day)is

AV= sprint duration/velocity=20/6 =3

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 suchas Scrum.However,burn down chartscanbeapplied to anyprojectcontainingmeasurable progressovertime.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-managementhttps://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-softwarehttps://www.atlassian.com/agile/tutorials/epicshttps://www.atlassian.com/agile/tutorials/sprintshttps://www.atlassian.com/agile/project-management/estimationhttps://www.atlassian.com/agile/tutorials/burndown-charts