ProjectPlanningPhase

ProjectPlanning(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	18 October2022
TeamID	PNT2022TMID32542
ProjectName	Project–WebPhishingDetection
MaximumMarks	8 Marks

ProductBacklog,SprintScheduleandEstimation(4Marks)

Productbacklogandsprintschedule:

Sprint	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Userinput	USN-1	Userinputsan URLin therequiredfieldto checkitsvalidation.	5	Medium	Prasanth R
Sprint-1	WebsiteComparison	USN-2	ModelcomparesthewebsitesusingBlacklistandWhitelistapproach.	10	High	Poovarasi D
Sprint-1	Storage	USN-3	StoringtheBlacklistedwebsitesinDatabaseusing IBMCloud.	15	High	Prathaban S
Sprint-2	FeatureExtraction	USN-4	After comparison, ifnonefoundon comparison then itextractfeatureusingheuristicandvisualsimilarity.	10	High	Nanthini N
Sprint-2	Prediction	USN-5	ModelpredictstheURLusingMachine learningalgorithmssuchaslogistic Regression,MLP.	10	Medium	Poovarasi D
Sprint-2	AccuracyTest	USN-6	Selectingthebestaccuratemodelandtoprocessf urthersteps.	15	High	Prasanth R
Sprint-3	Classifier	USN-7	Modelsends allthe outputtothe classifierandproducesthefinalresult.	5	Medium	Prathaban S
Sprint-3	Hosting	USN-8	SettingUptheApplicationandhostinginIBMcloud	10	Medium	Nanthini N
Sprint-4	Announcement	USN-9	Modelthendisplays whetherthewebsiteis legalsiteoraphishingsite.	15	High	Prathaban S
Sprint-4	Events	USN-10	Thismodelneedsthecapabilityof retrievinganddisplayingaccurateresultforawebsite.	10	High	Prasanth R

ProjectTracker,Velocity&BurndownChart(4Marks)

Sprint	TotalStory Points	Duration	SprintStartDate	SprintEndDate(Planned)	Story PointsCompleted (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	12Nov2022

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 iterationunit(storypointsperday)

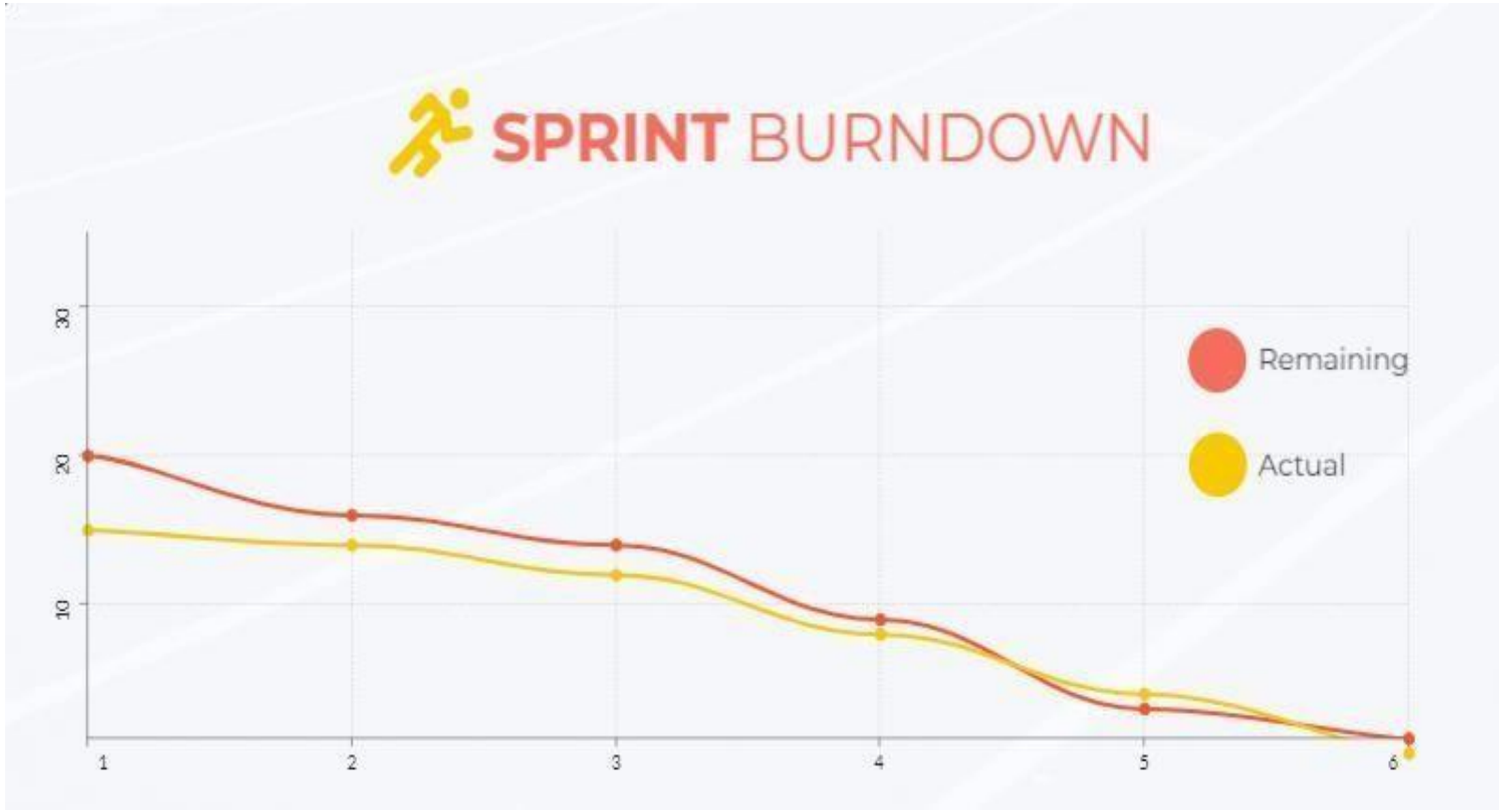
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). So our team's average velocity (AV) per iteration unit (storypoints perday)

AV=(SprintDuration/Velocity)=20/6=3.33

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,burn down chartscan beapplied toanyprojectcontainingmeasurable progressovertime.



Reference:
https://www.visual-paradigm.com/scrum/scrum-burndown-chart/https://www.visme.co/templates/charts/sprint-burndown-chart-1425285230/