ProjectPlanningPhase

ProjectPlanningTemplate (ProductBacklog,Sprint Planning,Stories,Storypoints)

Date	22October2022
TeamID	PNT2022TMID37594
ProjectName	Project - Data Analytics for DHL LogisticsFacilities
MaximumMarks	8Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelowtemplatetocreate productbacklogandsprintschedule

Sprint	FunctionalRequirement(Epic)	UserStory Number	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Login	USN-1	As a user, I can register & log into theapplicationbyenteringemail&password	10	High	Karthick
Sprint-1	Verify	USN-2	As a user, I can verify the email with given otpandcheckforcorrectsubscriptionaccess	10	High	Jagadeesh
Sprint-2	CollectData	USN-3	As an admin I can define questions & goalsthencollectdata&providethedataset inIBMCognosanalytics	10	High	Saravanakumar
Sprint-2	Prepare&Explore	USN-4	AsanadminIcanprepare,explore &presentthedataset inIBMCognosanalytics	10	High	Yashwanth
Sprint-3	Analyze	USN-5	Asan admin,Iwillanalyzethegivendataset (Data pre-processing)	10	High	Jagadeesh
Sprint-3	Predict	USN-6	Asan admin, Iwillpredictthelengthofstay(Prediction)	10	High	Yashwanth
Sprint-4	Visualization	USN-7	Asauser, Icanselectthe visualizationtypelikeReport, Dashboard and story(Creating visualization)	7	Medium	Saravanakumar
Sprint-4	Dashboard	USN-8	Asauser, Ican uploadthedatasetstothedashboardandview visualizations	8	High	Karthick

Sprint-4	Communicate	USN-9	Asan admin,Icancommunicate totheclientforuser queries and visualize the best dashboardsinany platformasauserexpected	5	Low	Jagadeesh

ProjectTracker,Velocity &Burndown Chart: (4 Marks)

Sprint	Total StoryPoints	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:

we have a 6-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 = Sprint duration / 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 suchas Scrum.However,burn down chartscanbe appliedtoanyprojectcontaining measurableprogressovertime.