ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	2ndNov2022
TeamID	PNT2022TMID06689
Projectname	Natural Disaster Intensity analysis andclassificationusingartificialintelligence
Maximummarks	8 Marks

ProductBacklog,SprintSchedule,andEstimation(4Marks):

Usethebelowtemplatetocreateproductbacklogandsprintschedule

Sprint	FunctionalRequirement(Epic)	UserstoryNumber	Userstory/ Task	Story points	Priority	Teammembers
Sprint-1	Registration	USN–1	Asauser,registering into the product using avalidemailaddress	5	High	
Sprint-2	Registration	USN–2	As a user, registeringinto the product using avalidusernameand password	3	Medium	
Sprint-1	Authentication	USN–3	As a user, I adept tologging into the systemwith credentials	4	High	
Sprint-2	Authentication	USN- 4	As a user, I adept tologging into the systemwith OTP	2	High	
Sprint-1	Designation ofRegion	USN–5	selecting the region ofinteresttobemonitoredandanalysed	3	High	
Sprint-2	Analysis ofRequiredPhenomenon	USN–6	Regulating certainfactors influencing theactions of thephenomenon	3	High	

Sprint	FunctionalRequirement(Epic)	UserstoryNumber	Userstory/ Task	Story points	Priority	Teammembers
Sprint-2	Accumulation ofrequiredData	USN–7	Gathering data anddetailed report on pasteventanalysis	3	Low	
Sprint-4	OrganizingUnstructuredda ta	USN–8	Choosing a requiredalgorithm for specificanalysis	2	High	
Sprint-2	Algorithm selection	USN–9	Choosing a requiredalgorithm for specificanalysis	6	High	
Sprint-3	Prediction andanalysisofd ata	USN–10	Predicting and visualizingthedataeffe ctively	36	High	
Sprint-4	Reportgen eration	USN– 11	Generating a clear anddetailedreportonp roduct dataanalysis	3	High	

ProjectTracker,Velocity&BurndownChart:(4Marks)

Sprint	Total StoryPoints	Duration	Sprint StartDate	Sprint EndDate(Planned)	Story PointsCompleted (as onPlannedEndDate)	Sprint ReleaseDate(Actual)
Sprint-1	12	6days	24Oct2022	29Oct2022	12	30Oct2022
Sprint-2	14	6days	31Oct2022	5Nov2022	14	6Nov2022
Sprint-3	6	6days	07Nov2022	12Nov2022	6	8Nov2022
Sprint-4	6	6days	14Nov2022	19Nov2022	6	20Nov2022

Velocity:

Sprint -1

AverageVelocity=Sprintduration/Velocity

=12 /6

=2

Sprint- 2

AverageVelocity=Sprintduration/Velocity

=14 /6

=2.3

Sprint- 3

AverageVelocity=Sprintduration/Velocity

=6 /6

=1

Sprint -4

AverageVelocity=Sprintduration/Velocity

=6 /6

=1

BurndownChart:

A burn down chart is a graphical representation of work left to do versus time. It isoften used in agile software development methodologies such as Scrum. However, burn downchartscanbeappliedtoany projectcontainingmeasurable progressover time.

Anapproximateworkplanin burndown