Sprint Delivery Plan Phase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	2022
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	Priyatharshini S
Sprint-2	Registration	USN–2	As a user, registeringinto the product using avalidusernameand password	3	Medium	Nandha Kumar M A& Suwetha R
Sprint-1	Authentication	USN–3	As a user, I adept tologging into the systemwith credentials	4	High	Priyatharshini S
Sprint-2	Authentication	USN- 4	As a user, I adept tologging into the systemwith OTP	2	High	Nandha Kumar M A
Sprint-1	Designation ofRegion	USN–5	selecting the region ofinteresttobemonitore dandanalysed	3	High	Priyatharshini S
Sprint-2	Analysis ofRequiredP henomenon	USN–6	Regulating certainfactors influencing theactions of thephenomenon	3	High	Nandha Kumar M A& Pradeepkumar V

Sprint	FunctionalRequirement(Epic)	UserstoryNumber	Userstory/ Task	Story points	Priority	Teammembers
Sprint-2	Accumulation ofrequiredData	USN–7	Gathering data anddetailed report on pasteventanalysis	3	Low	Nandha Kumar M A
Sprint-4	OrganizingUnstructureddata	USN–8	Choosing a requiredalgorithm for specificanalysis	2	High	Pradeepkumar V
Sprint-2	Algorithm selection	USN–9	Choosing a requiredalgorithm for specificanalysis	6	High	Nandha Kumar M A& Suwetha R
Sprint-3	Prediction andanalysisofdata	USN–10	Predicting and visualizingthedataeffectively	36	High	Suwetha R
Sprint-4	Reportgeneration	USN– 11	Generating a clear anddetailedreportonproduct dataanalysis	3	High	Pradeepkumar V

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	04Nov2022	9Nov2022	6	8Nov2022
Sprint-4	6	6days	4Nov2022	9Nov2022	6	10Nov2022

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