Project Planning Phase

ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)

Date	27October2022
TeamID	PNT2022TMID06664
ProjectName	Emerging Methods For Early Detection of Forest Fires.
MaximumMarks	8Marks

Backlog , Sprint Schedule and Estimation(4Marks)

Use the below template to create product backlog and sprint schedule

Sprint	FunctionalRequirement(Epic)	UserStoryNumber	UserStory/Task	StoryPoints	Priority	TeamMembers
Sprint-1	Registration	USN-1	As an user, I can register for the application by entering my email ,password and confirming my password.	2	High	K Jothika S Nandhini M Sruthi K Sindhuja
Sprint-1	UserConfirmation	USN-2	As an user, I will receive confirmation email Once I have registered for the application	1	Medium	S Nandhini M Sruthi
Sprint-1	Login	USN-3	As an user, I can log into the application by entering email & password	2	High	K Sindhuja K Jothika
Sprint-2	DataCollection	USN-4	Download the data set used in Digital Naturalist – AI Enabled tool for Biodiversity Researchers	2	High	K Jothika S Nandhini M Sruthi K Sindhuja

Sprint-2	ImagePreprocessing	USN-5	Improving the image data that suppresses unwilling distortions or enhances some image features important for further processing, although performing some geometric transformations of images like rotation, scaling, etc.	1	High	S Nandhini M Sruthi K Sindhuja
Sprint-3	Getting started withConvolutional NeuralNetwork	USN-6	Neural network are integral for teaching computers to think and learn by classifying information ,similar to how was humans learn. With neural networks ,the software can learn to recognize images, for example .Machines can also make predictions and decisions with a high level of accuracy based on data inputs.	2	High	K Jothika S Nandhini M Sruthi K Sindhuja
Sprint-3	Evaluationandmodelsaving	USN-7	Well a model behaves after achiteration of optimization. An accuracy metric is used to measure the algorithm's performance in an interpretable way. The accuracy of amodelisusually determined after themodel parameters and iscalculated in the form of apercentage. Saving The Model get weight ,set weights.	1	Medium	K Jothika S Nandhini M Sruthi K Sindhuja
Sprint-4	ApplicationBuilding	USN-8	After the model is built, we willbe integrating it to a web application so that normal user can also use it. The users need to give the images of species	1	High	M Sruthi K Sindhuja S Nandhini
Sprint-4	Train the Model onIBM	USN-9	Build Deep learning model and computer vision Using the IBM cloud.	2	High	K Jothika S Nandhini M Sruthi K Sindhuja

ProjectTracker,Velocity&BurndownChart:(4Marks)

Sprint	Total Story Points	Duration	SprintStartDate	SprintEndDate(Planned)	Story PointsCompleted (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	20	4Days	24Oct2022	27Oct2022	20	29Oct2022
Sprint-2	20	5Days	28Oct2022	01Nov2022	20	04Nov 2022
Sprint-3	20	8Days	02Nov2022	09Nov2022	20	10Nov2022
Sprint-4	20	9Days	10Nov2022	18Nov2022	20	18Nov2022