Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date 11 NOV 2022
Team ID PNT2022TMID52343
Project Name Emerging Methods for Early Detection of Forest Fires
Maximum Marks 8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection and Preprocessing	USN-1	Users : Download data and filter	1	High	W Vinotha
Sprint-1		USN-2	Users : Taking pre-processing measures for better data	3	High	Annie JR
Sprint-1		USN-3	Users : Image data generator	2	Medium	DV Christal Soumia
Sprint-1		USN-4	I can Generating train and test data	2	Medium	B Prajisha
Sprint-2	Model Building and Integrating	USN-5	Developers : Model building measures for building better model	2	High	M Rajalet
Sprint-2	Twilio	USN-6	Developers : Model building initializing and	3	High	W Vinotha
Sprint-2		USN-7	adding layers Train model with data	3	High	Annie JR

Sprint-2 USN-8 Integrating with Twilio 2 High B Prajisha

Sprint-3	Deploying with OpenCV Live Cam	USN-9	Developers : Saving model and loading the OpenCV model	1	Medium	DV Christal Soumia

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-10	Developers : Set OpenCV for live cam	2	High	M Rajalet
Sprint-3		USN-11	Developers : Connecting front-end and back-end	3	High	W Vinotha
Sprint-3		USN-12	Developers : Deploying application using IBM Cloud	4	High	Annie JR

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Testing and Reinforcement	USN-13	Developers : Testing the whole model	3	High	DV Christal Soumia
Sprint-4		USN-14	Developers : Alteration and modifications	2	Medium	B Prajisha
Sprint-4		USN-15	Developers : Integrating Flask	2	Low	M Rajalet
Sprint-4		USN-16	Developers : Final Testing	3	High	W Vinotha

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration Sprint Start Date Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	8	6 Days 24 Oct 2022 29Oct 2022	20	29Oct 2022
Sprint-2	10	6 Days 31 Oct 2022 05 Nov 2022	20	05 Nov 2022
Sprint-3	10	4 Days 07 Nov 2022 10 Nov 2022	20	10 Nov 2022

Sprint-4	10	6 Days 12 Nov 2022 17 Nov 2022	20	17 Nov 2022

Velocity:

Average Velocity = 10/4 = 2.5

Burndown Chart: