Project Planning Phase Project Planning Template

(Product Backlog, Sprint Planning, Stories, Story points)

Date	03 November 2022
Team ID	PNT2022TMID38259
Project Name	A Gesture - Based Tool for Sterile Browsing of Radiology Ideations Images

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Point	Priority	Team Members
Sprint-1	**Data Collection**	USN-1	Download the Dataset	10	High	B.Raghul Krishna
Sprint-1		USN-2	Image Pre-processing	10	High	B.Raghul Krishna
Sprint-1		USN-3	Import and Configure the Image Data Generator Library and Class	10	High	B.Raghul Krishna S.Muthamil Selvam S.Vishva
Sprint-1		USN-4	Apply Image Data Generator Functionality to Train-Set and Test-Set	10	High	B.Raghul Krishna R.Vignesh
Sprint-2	**Model Building**	USN-5	Import the Model Building Libraries and Initializing the Model	10	High	B .Raghul Krishna S.Muthamil Selvam S.Vishva
Sprint-2		USN-6	Adding CNN Layers and Dense Layers	10	High	B.Raghul Krishna R.Vignesh S.Muthamil Selvam
Sprint-2		USN-7	Configure the Learning Process	10	High	B.Raghul Krishna S.Vishva
Sprint-2		USN-8	Train the Model, Save the Model and Test the Model	10	High	B.Raghul Krishna R.Vignesh
Sprint-3	**Application Building**	USN-9	Create Web Application using HTML, CSS, JavaScript	10	High	B.Raghul Krishna
Sprint-3		USN-10	Build Python code	10	High	S.Vishva
Sprint-4	**Train The Model on IBM**	USN-11	Register for IBM Cloud	10	High	R.Vignesh
Sprint-4		USN-12	Train the Model and Test the Model and its Overall Performance	10	High	S.Muthamil Selvam

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	story Points Completed	Sprint Release Date
Sprint-1	10	5 Days	30 Oct 2022	02 Nov 2022	10	02 Nov 2022
Sprint-2	10	5 Days	03 Nov 2022	07 Nov 2022	10	07 Nov 2022
Sprint-3	10	5 Days	08 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	5 Days	13 Nov 2022	17 Nov 2022	10	17 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = sprint\ duration\ /velocity$$

$$=20/10$$

$$=2$$