

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID33016
Project Name	Real time communication for specially abled powered by AI
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User story	USN-1	Translation of sign language is difficult .As a human it is difficult to understand the sign language of deaf and dump.	5	Medium	Sanjana.L
Sprint-1	Data sets	USN-2	Collect the image of different sign language and create the dataset	5	Medium	Hemapriya.R
Sprint-1	Data Preprocessing	USN-3	Process the Image from the dataset	6	High	Akshaya.D
Sprint-2	Image processing	USN-4	Once images are processed can be constructed for train and test	6	Medium	Hemapriya.R
Sprint-2	Train and Test	USN-5	Apply Image data generator functionality to trainset and test set	6	High	Sanjana.L
Sprint-2	Import Model	USN-6	Import the model building libraries with CNN algorithm	6	Medium	Raagavi.M
Sprint-3	Configure Model	USN-7	Adding dense layer to configure the learning process to train and test the model	7	High	Hemapriya.R
Sprint-3	Webpage Creation	USN-8	Create the HTML web page with python code	7	High	Raagavi.M
Sprint-3	Dashboard Creation	USN-9	It contains the details of predicting criteria and user information.	6	High	Akshaya.D

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Application Creation	USN-10	Create the flask application and loading our model by using load model method	7	High	Sanjana.L
Sprint-4	Application Building	USN-11	Routing the HTML Page and Run the Application	6	High	Raagavi.M
Sprint-4	Train the Model	USN-12	Train the Model on IBM Cloud	6	High	Akshaya.D

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	16	6 Days	24 Oct 2022	29 Oct 2022		30 Oct 2022
Sprint-2	18	6 Days	31 Oct 2022	05 Nov 2022		06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		13 Nov 2022
Sprint-4	19	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Sprint 1 Average Velocity = $16/6 = 2.66$

Sprint 2 Average Velocity = $18/6 = 3$

Sprint 3 Average Velocity = $20/6 = 3.33$

Sprint 4 Average Velocity = $19/6 = 3.16$

Burndown Chart:

