ProjectPlanningPhase

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

Date	22 Oct 2022
Team ID	PNT2022TMID51928
Project Name	Real-Time Communication System powered by AI for Specially abled
Maximum Marks	4 marks

ProductBacklog,SprintSchedule,andEstimation

Use the below template to create product backlog and sprint schedule

Sprint	Functional requirements (Epic)	User story Number	User story/task	Story points	Priority	Team Members
Sprint 1	Download the application	USN-1	As a user,download and open the application or website.	2	Medium	Bhairavi M Deepak Aswin Anazudeen
Sprint 1		USN-2	As a user, I can switch on the camera and start recording the signs for detection.	1	High	Bhairavi M Deepak Aswin Anazudeen
Sprint 2		USN-3	The recorded video or the captured image is taken as input by the model	2	Medium	Bhairavi M Deepak Aswin Anazudeen

Sprint	Functional requirements (Epic)	User story Number	User story/task	Story points	Priority	Team Members
Sprint 1	Download the application	USN-1	As a user,download and open the application or website.	2	Medium	Bhairavi M Deepak Aswin Anazudeen
Sprint 1		USN-2	As a user, I can switch on the camera and start recording the signs for detection.	1	High	Bhairavi M Deepak Aswin Anazudeen
Sprint 1	Detection of signs and conversion into texts	USN-4	Using the pretrained CNN model, The detection of signs can be done and is converted and displayed as text.	2	High	Bhairavi M Deepak Aswin Anazudeen
Sprint 1	Conversion into audio.	USN-5	As a user , I can also convert the text to voice/audio .	1	Low	Bhairavi M Deepak Aswin Anazudeen

Project Tracker, Velocity & Burndown Chart

Sprint	Total story points	Duration	Sprint start date	Sprint start date(planned)	Story Points Completed(as on Planned EndDate)	SprintRelease Date(Actual)
Sprint 1	20	6 days	24 oct 2022	27 oct 2022	20	27 oct 2022

Sprint 2	20	6 days	31 oct 2022	5 nov 2022		
Sprint 3	20	6 days	07 nov 2022	13 nov 2022		
Sprint 4	20	6 days	14 nov 2022	19 nov 2022		

Velocity:

Imagine we have a10-dayspring duration,and velocity 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