PROJECT PLANNING PHASE

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

Date	09 November 2022
Term ID	PNT2022TMID05517
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

PRODUCT BACKLOG, SPRINT SCHEDULE AND ESTIMATE (4 MARK)

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 MEMBER
Sprint-1	Data Collection	**USN-1**	Collect Dataset.	9	High	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G
Sprint-1		**USN-2**	Image preprocessing	8	Mediun	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G
Sprint-2	Model Building	**USN-3**	Import the required libraries, add the necessary layers and compile the model	10	High	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G
Sprint-2		**USN-4**	Training the image classification model using CNN	7	Medium	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G
Sprint-3	Training And Testing	**USN-5**	Training the model and testing the model's performance	9	High	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G
Sprint-4	Implementation of the application	**USN-6**	Converting the input sign language images into English alphabets	8	Medium	1.Sanjeev Kumar 2.Saran K 3.Viswanathan R 4.Vishnu G

PROJECT TRACKER, VELOCITY AND BURNDOWN CHART: (4MARK)

SPRINT	TOTAL STORY	DURATION RELEASE POINTS [PLANNING]	SPRINT START DATE [AS ON PLANNED	SPRINT END DATE DATE	STORY COMPLETED	SPRINT
Sprint - 1	10	6 Days	24 Oct 2022	29 Oct 2022	8	18 Nov 2022
Sprint - 2	10	6 Days	31 Oct 2022	04 Nov 2022	5	18 Nov 2022
Sprint - 3	10	6 Days	07 Nov 2022	11 Nov 2022	7	18 Nov 2022
Sprint - 4	10	6 Days	14 Nov 2022	18 Nov 2022	5	18 Nov 2022

VELOCITY:

AV = Sprint Duration / Velocity

AV = 6/10
= 0.6

BURNDOWN CHART :

SPRINT BURNDOWN CHART :