

PROJECT PLANNING PHASE

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

Date	05 November 2022
Term ID	PNT2022TMID28501
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

<u>SPRINT</u>	<u>FUNCTIONAL REQUIREMENT (EPIC)</u>	<u>USER STORY NUMBER</u>	<u>USER STORY / TASK</u>	<u>STORY POINTS</u>	<u>PRIORITY</u>	<u>TEAM MEMBER</u>
Sprint-1	Data Collection	<u>USN-1</u>	Collect Dataset.	9	High	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar
Sprint-1		<u>USN-2</u>	Image preprocessing	8	Mediun	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar
Sprint-2	Model Building	<u>USN-3</u>	Import the required libraries, add the necessary layers and compile the model	10	High	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar
Sprint-2		<u>USN-4</u>	Training the image classification model using CNN	7	Medium	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar
Sprint-3	Training And Testing	<u>USN-5</u>	Training the model and testing the model's performance	9	High	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar
Sprint-4	Implementation of the application	<u>USN-6</u>	Converting the input sign language images into English alphabets	8	Medium	1.Gowtham Kannan 2.Chithrai Selvan 3.Kanikhan Choudry 4.Arun Kumar

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

<u>SPRINT</u>	<u>TOTAL STORY POINTS</u>	<u>DURATION</u>	<u>SPRINT START DATE</u>	<u>SPRINT END DATE [PLANNING]</u>	<u>STORY COMPLETED [AS ON PLANNED END DATE]</u>	<u>SPRINT RELEASE DATE [ACTUAL]</u>
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

$$\begin{aligned}\mathbf{AV} &= \mathbf{6/10} \\ &= \mathbf{0.6}\end{aligned}$$

BURNDOWN CHART :



SPRINT BURNDOWN CHART :

