Project Planning Phase

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

Date	21 October 2023
Team ID	591865
Project Name	Project – lip reading using deep learning
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation :

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I want to register an account to access the lip reading using deep learning	23	High	Kowshik, Soma Sekhar
	Video uplodation	USN-2	As a user, I want upload lip reading videos for analysis.	5	High	Kowshik, Soma Sekhar
	Lip reading	USN-3	• After displaying the lip reading animation, I added information about the output of the machine learning model as tokens using st.text(decoder). • I included a section to decode the raw tokens into words and displayed the result using st.text(converted_prediction).	7	Medium	manoj
Sprint-2	login	USN-4	As a user, I want to log in to the system to access lip reading prediction results securely.	25	High	Kowshik, Soma Sekhar, Manoj
	User interface	USN-5	User Interface Refinement: Continuously refine the user interface.	10	Medium	Soma Sekhar, Manoj
Sprint-3	Model development	USN-5	Improving a Deep Learning Model for lip reading Prediction.	30	High	Kowshik, Soma Sekhar, Manoj

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	35	6 Days	1-11-2023	6-11-2023	35	6-11-2023
Sprint-2	35	7 Days	7-11-2023	13-11-2023	30	14-11-2023
Sprint-3	30	7 Days	14-11-2023	20-11-2023	30	20-11-2023

Velocity:

velocity=(35)/5=7
velocity=(30)/5=6
velocity=(30)/5=6
AV=35+30+30\6+6+7 =5

Burndown Chart:

- Duration: 6 dys
- Sprint Backlog: 6 tasks
- Velocity: 12 available hours

Step 1 – Create Estimate Effort

Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
12	10	8	6	4	2	0

Step-2:daily track progress

Task	Hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Total Hours
Task1	2	1	0	0	0	0	1	2
Task 2	2	0	1	0	0	1	0	2
Task 3	1	1	0	0	0	0	0	1
Task 4	2	0	0	2	0	0	0	2
Task 5	3	0	0	0	3	0	0	3
Task 6	2	0	2	0	0	0	0	3

Step 3 – Compute the Actual Effort

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 4 – Obtain the Final Dataset

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 5 – Plot the Burndown using the Dataset