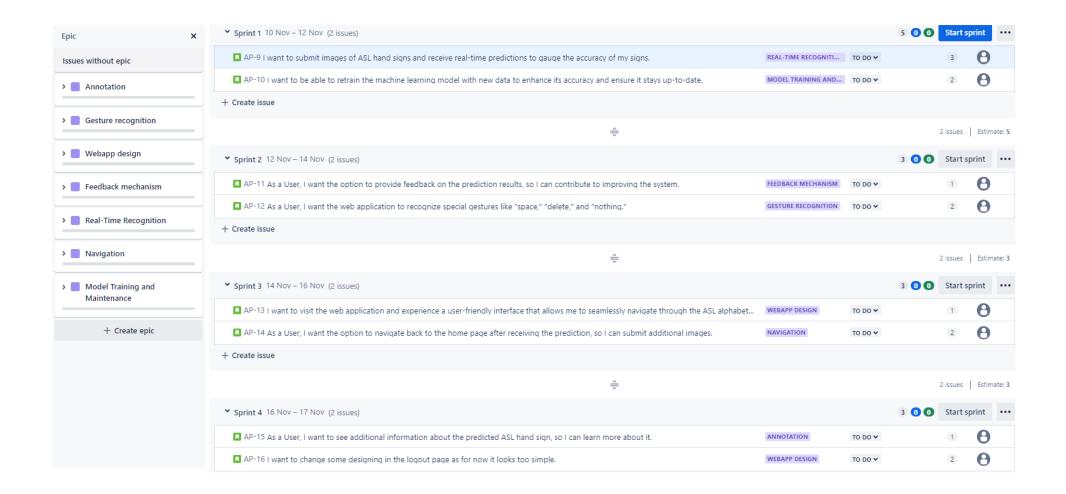# Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Team ID	Team-591551
Project Name	Project – ASL Alphabet Image Recognition
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Annotation	USN-1	As a User, I want to see additional information about the predicted ASL hand sign, so I can learn more about it.	1	low	Haneesh
Sprint-2	Gesture recognition	USN-2	As a User, I want the web application to recognize special gestures like "space," "delete," and "nothing."	2	High	Sairam
Sprint-3	Webapp design	USN-3	I want to visit the web application and experience a user-friendly interface that allows me to seamlessly navigate through the ASL alphabet learning process.	1	medium	Chandreka
Sprint-2	Feedback mechanism	USN-4	As a User, I want the option to provide feedback on the prediction results, so I can contribute to improving the system.	1	Medium	Sairam

Sprint-1	Real-Time ASL Alphabet Recognition	USN – 5	I want to submit images of ASL hand signs and receive real-time predictions to gauge the accuracy of my signs.	3	High	Shreyas
Sprint-3	Navigation	USN- 6	As a User, I want the option to navigate back to the home page after receiving the prediction, so I can submit additional images.	2	High	Haneesh
Sprint-1	Model Training and Maintenance	USN-7	I want to be able to retrain the machine learning model with new data to enhance its accuracy and ensure it stays up-to-date.	2	Medium	Shreyas
Sprint -4	WebApp design	USN – 8	I want to change some designing in the logout page as for now it looks too simple.	2	Low	Chandreka

Epic ✕

Issues without epic

> 🟪 Annotation

> 🟪 Gesture recognition

> 🟪 Webapp design

> 🟪 Feedback mechanism

> 🟪 Real-Time Recognition

> 🟪 Navigation

> 🟪 Model Training and Maintenance

\+ Create epic

▼ **Sprint 1** 10 Nov – 12 Nov (2 issues)   5 **0** **0** **Start sprint** •••

| 🔖 | AP-9 I want to submit images of ASL hand signs and receive real-time predictions to gauge the accuracy of my signs. | REAL-TIME RECOGNITI... | TO DO ⌄ | 3 | 👤 |

| 🔖 | AP-10 I want to be able to retrain the machine learning model with new data to enhance its accuracy and ensure it stays up-to-date. | MODEL TRAINING AND... | TO DO ⌄ | 2 | 👤 |

\+ Create issue

⇕

2 issues | Estimate: 5

▼ **Sprint 2** 12 Nov – 14 Nov (2 issues)   3 **0** **0** **Start sprint** •••

| 🔖 | AP-11 As a User, I want the option to provide feedback on the prediction results, so I can contribute to improving the system. | FEEDBACK MECHANISM | TO DO ⌄ | 1 | 👤 |

| 🔖 | AP-12 As a User, I want the web application to recognize special gestures like "space," "delete," and "nothing." | GESTURE RECOGNITION | TO DO ⌄ | 2 | 👤 |

\+ Create issue

⇕

2 issues | Estimate: 3

▼ **Sprint 3** 14 Nov – 16 Nov (2 issues)   3 **0** **0** **Start sprint** •••

| 🔖 | AP-13 I want to visit the web application and experience a user-friendly interface that allows me to seamlessly navigate through the ASL alphabet... | WEBAPP DESIGN | TO DO ⌄ | 1 | 👤 |

| 🔖 | AP-14 As a User, I want the option to navigate back to the home page after receiving the prediction, so I can submit additional images. | NAVIGATION | TO DO ⌄ | 2 | 👤 |

\+ Create issue

⇕

2 issues | Estimate: 3

▼ **Sprint 4** 16 Nov – 17 Nov (2 issues)   3 **0** **0** **Start sprint** •••

| 🔖 | AP-15 As a User, I want to see additional information about the predicted ASL hand sign, so I can learn more about it. | ANNOTATION | TO DO ⌄ | 1 | 👤 |

| 🔖 | AP-16 I want to change some designing in the logout page as for now it looks too simple. | WEBAPP DESIGN | TO DO ⌄ | 2 | 👤 |

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	5	2 Days	10 Nov 2023	12 Nov 2023	5	12 Nov 2023
Sprint-2	3	2 Days	12 Nov 2023	14 Nov 2023	3	14 Nov 2023
Sprint-3	3	2 Days	14 Nov 2023	16 Nov 2023	3	16 Nov 2023
Sprint-4	3	1 Days	16 Nov 2022	17 Nov 2023	3	17 Nov 2023

Velocity:
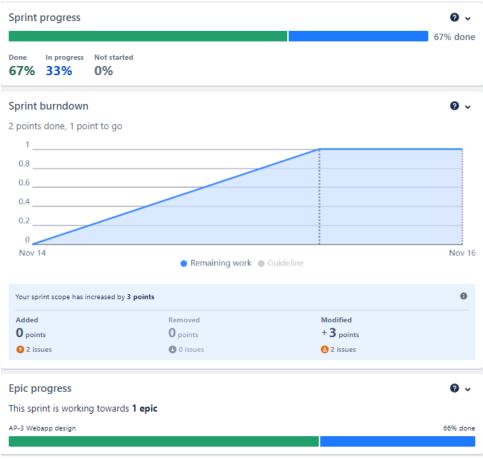
Sprint-1 Velocity = 5/2 = 2.5

Sprint-2 Velocity = 3/2 = 1.5

Sprint-3 Velocity = 3/2 = 1.5

Sprint-4 Velocity = 3/1 = 3

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Burndown chart and sprint insights on 15 Nov 2023