

Project Planning Phase

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

Date 18 October 2022

Team ID – ASL (KANISHK PRASAD, DIVYANSH JAIN, MUDIT AGRAWAL, EBI JOHN SINJIN)

Project Name Project - ASL

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-1	User Authentication & ASL Recognition	USN-1	As a user with ASL, I can log in by using my sign language gestures for authentication.	3	High	Development Team
Sprint-1	User Authentication & ASL Recognition	USN-2	As a user with ASL, I receive a confirmation when I successfully authenticate using ASL signs.	2	High	Development Team
Sprint-2	ASL Image Recognition	USN-3	As a user with ASL, I can upload an image with ASL signs for recognition.	3	Medium	Development Team
Sprint-2	ASL Image Recognition	USN-4	As a user with ASL, I receive the recognized text from the ASL image.	2	Medium	Development Team

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration (Planned)	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	7 Days	24 Oct 2022	30 Oct 2022	[Completed Story Points]	9 Nov 2023
Sprint-2	5	7 Days	31 Oct 2022	06 Nov 2022	[Completed Story Points]	9 Nov 2023

VELOCITY

To calculate the team's average velocity (AV) per iteration unit (story points per day), you'll need to know the team's total velocity (story points per sprint) and the sprint duration (in days). In the case of your project with a 10-day sprint duration and a velocity of 20 points per sprint, here's the calculation:

Average Velocity (AV) per day = Total Velocity / Sprint Duration

For your project, with a 10-day sprint duration and a velocity of 20 points per sprint:

AV per day = 20 points / 10 days = 2 story points per day

So, the team's average velocity (AV) per iteration unit (story points per day) for your project is 2 story points per day. This means that, on average, the team is capable of completing 2 story points worth of work each day during a 10-day sprint.

Burndown Chart:

