

Project Planning Phase

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

Date	
Team ID	7.1-(Vibhuti Saini(21BCB7058),Tanay Bhoyar(21BCB7083))
Project Name	Project - AI system that verifies user identities based on their online behavior patterns, adding an extra layer of security.
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
1	Registration	USN-1	As a user, I can register for the application by entering my digital signature	2	High	Member 1
2	Login	USN-2	I can change my the credentials according to me	1	High	Member 2
1	Searching	USN-3	Improved Recommendations	2	High	Member 1

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

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.