Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID06520
Project Name	Project – Preparing Milestone
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	I can access my account / dashboard
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	I can receive confirmation email & click confirm
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	I can register & access the dashboard with Facebook Login
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	I can register and access using Gmail verification

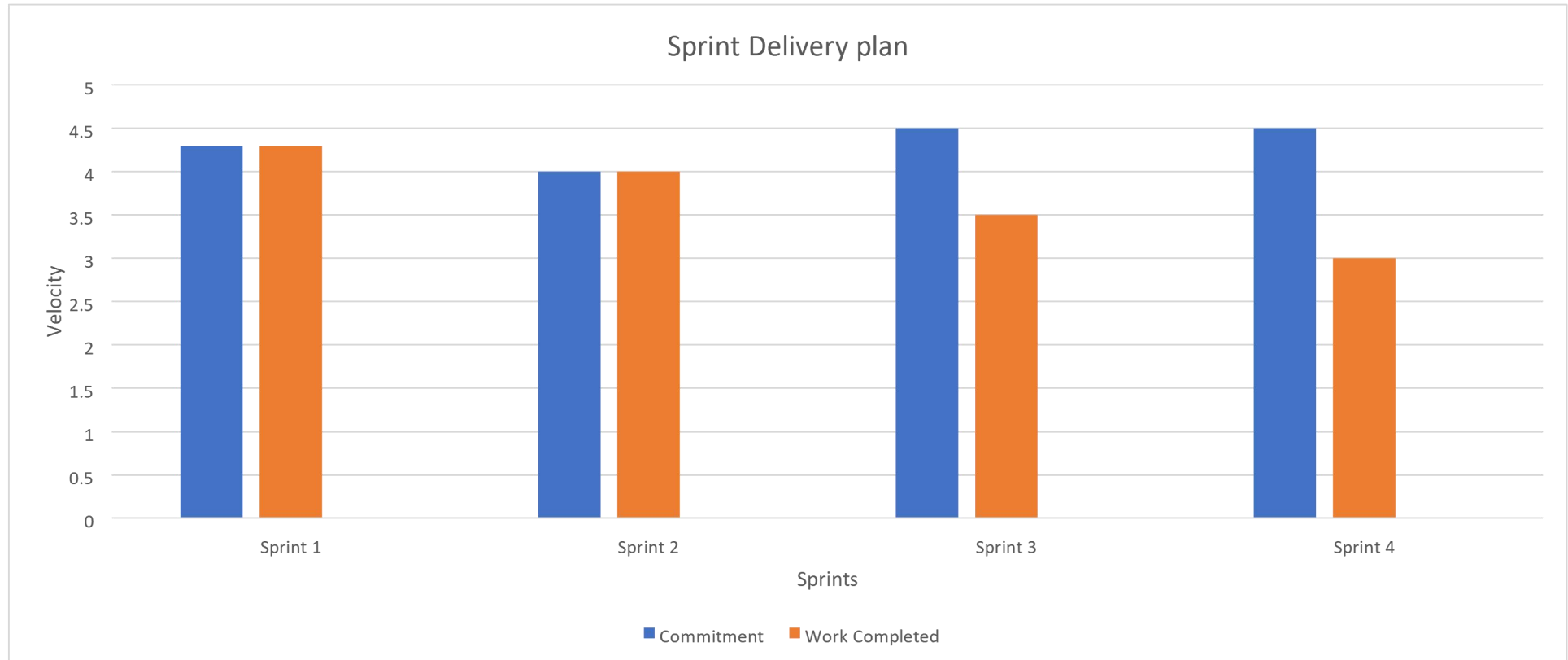| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	I can just register by entering my email and password
Sprint-3	Dashboard	USN-6	As a user, I can login in to the application and view dashboard	2	Medium	I can login and view the dashboard available with required resources
Sprint-4		USN-7	As a Web user, I can login and access all the settings in the dashboard	1	High	I can login and check all the settings in the dashboard
Sprint-4	Login and Dashboard	USN-8	As Administrator, I can login and check company directives	2	High	I can login using private Login Id and password to maintain and check the status

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	19	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	18	13 Nov 2022

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 Nov 2022

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)

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

Sprint Delivery plan

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.