

Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID32676
Project Name	Virtual Eye
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 use a simple login function using email, password and confirming the password	2	High	Soma, Viswa, Sasi, Sathish
Sprint-1		USN-2	As a user, I receive a confirmational mail when registered successfully	1	High	Soma, Viswa, Sasi, Sathish
Sprint-2		USN-3	As a user, I can sign in using OAuth or SAML	2	Low	Soma, Viswa, Sasi, Sathish
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Soma, Viswa, Sasi, Sathish
Sprint-1		USN-5	As an Admin, I can login as a super-user and view/modify other user accounts	2	High	Soma, Viswa, Sasi, Sathish
Sprint-2		USN-6	As a user, I can Login using OAuth	1	Low	Soma, Viswa, Sasi, Sathish
Sprint-1	Dashboard	USN-7	As a user, I get a dash view of the probable prediction by the AI	2	High	Soma, Viswa, Sasi, Sathish
Sprint-2	Issue Thread and feedback	USN-8	As a user, I can post queries in issue thread and get feedback	1	Low	Soma, Viswa, Sasi, Sathish

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

The sprint duration is the time considered to finalize and finish the execution for delivery(deployment) of service. This is not the duration of the development phase, instead it is the time taken to complete an iteration of the requirements for the initial release of the service.

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	8	10 Days	1 Nov 2022	10 Nov 2022	8	17 Nov 2022
Sprint-2	3	4 Days	10 Nov 2022	13 Nov 2022	2	17 Nov 2022
Sprint-3	-	-	-	-	-	-
Sprint-4	-	-	-	-	-	-

Velocity:

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

$$AV = \text{Sprint Duration/velocity}$$

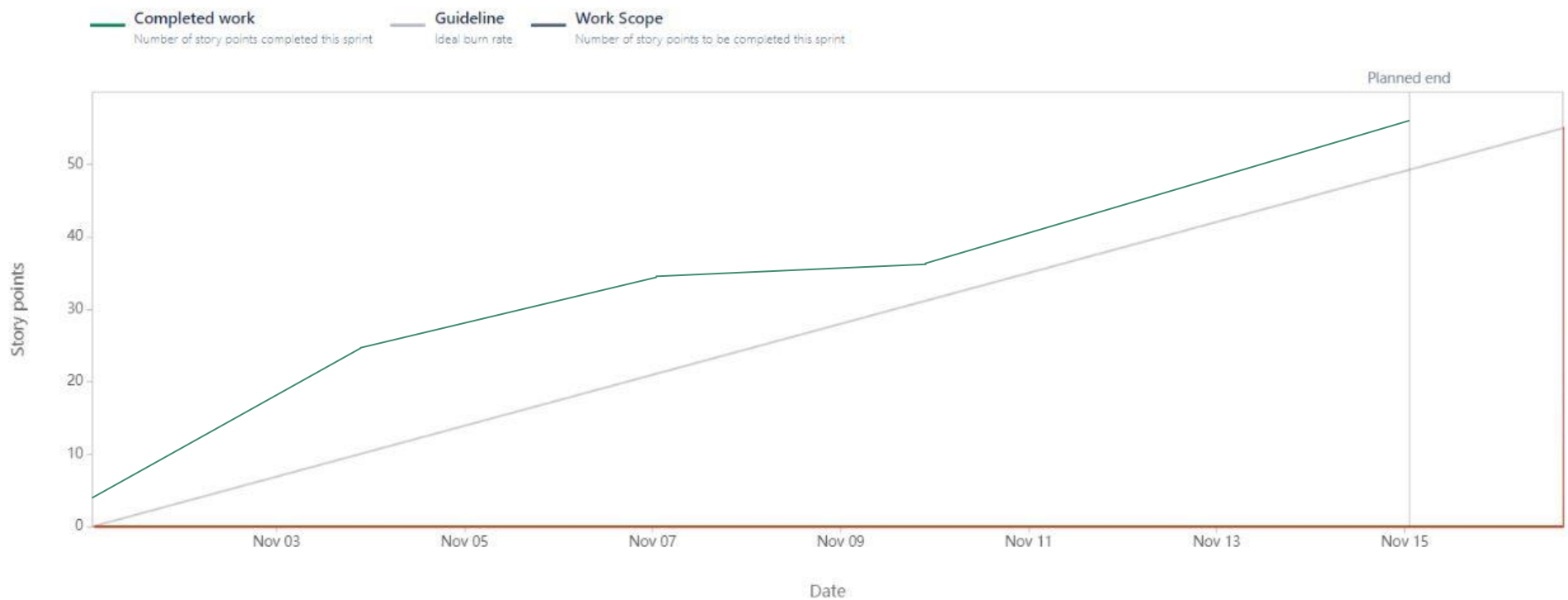
$$= 10/8$$

$$= 1.25$$

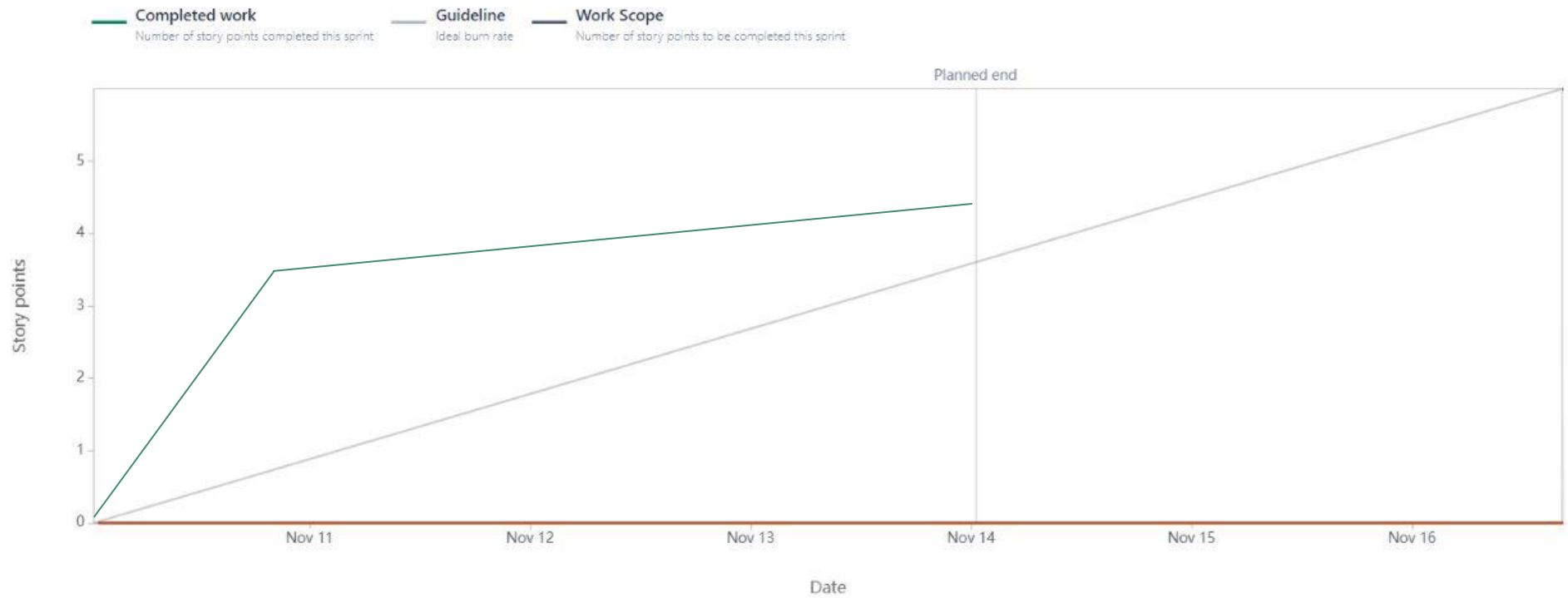
Burndown Chart:

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.

Sprint 1



Sprint 2



Reference:

<https://www.atlassian.com/agile/project-management> <https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software> <https://www.atlassian.com/agile/tutorials/epics>
<https://www.atlassian.com/agile/tutorials/sprints> <https://www.atlassian.com/agile/project-management/estimation> <https://www.atlassian.com/agile/tutorials/burndown-charts>