

# Project Planning Phase

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

<b>Team ID</b>	<b>NM2025TMID00630</b>
<b>Project Name</b>	<b>Optimizing User, Group, and Role Management with Access Control and Workflows</b>

## Product Backlog, Sprint Schedule & Estimation:

Use the below template to create product backlog and sprint schedule.

<b>sprint</b>	<b>Requirement(Epic)</b>	<b>User story</b>	<b>Us.No</b>	<b>User story/Task</b>	<b>Story point</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	User authentication	As a user I want to login so that I can access the system	USN-1	Create login page, validate credentials, connect to user DB	3	High	Sri Abhirami .J.L
Sprint-1	User access request	As a user I want to submit access request	USN-2	Create access request form, save request to DB	4	High	Surya Mettle S
Sprint-2	Workflow approval	As an admin I want to approve/reject access request	USN-3	Create approval page, view pending request, update status	3	High	Jershika C
Sprint-2	Role assignment	As an admin I want to assign roles to users	USN-4	Build role assignment page, update role	2	High	Shreya S
Sprint-3	Access permission update	As an admin I want to modify role permissions	USN-5	Manage permission mapping, update DB	2	High	Sri Abhirami.j.L
Sprint-3	Audit logs	As an admin I will record all user	USN-6	Create logs table, save logs, display logs for	3	High	Surya Mettle S

		activity		adult				
Sprint-3	documentation	-	USN-7	Prepare project report, diagram(DFD,PPT)	2	High	Jershika C	

### Project Tracker: Velocity and Burndown chart

Sprint	Total story points	Duration	Sprint start date	Sprint end date(planned)	story point completed	Sprint release
Sprint-1	7	2 days	25 oct 2025	26 oct 2025	7	26 oct 2025
Sprint-2	7	2 days	27 oct 2025	28 oct 2025	7	28 oct 2025
Sprint-3	7	2 days	29 oct 2025	30 oct 2025	7	30 oct 2025
Sprint-4	6	3 days	31 oct 2025	02 oct 2025	6	2 nov 2025 (submission day)

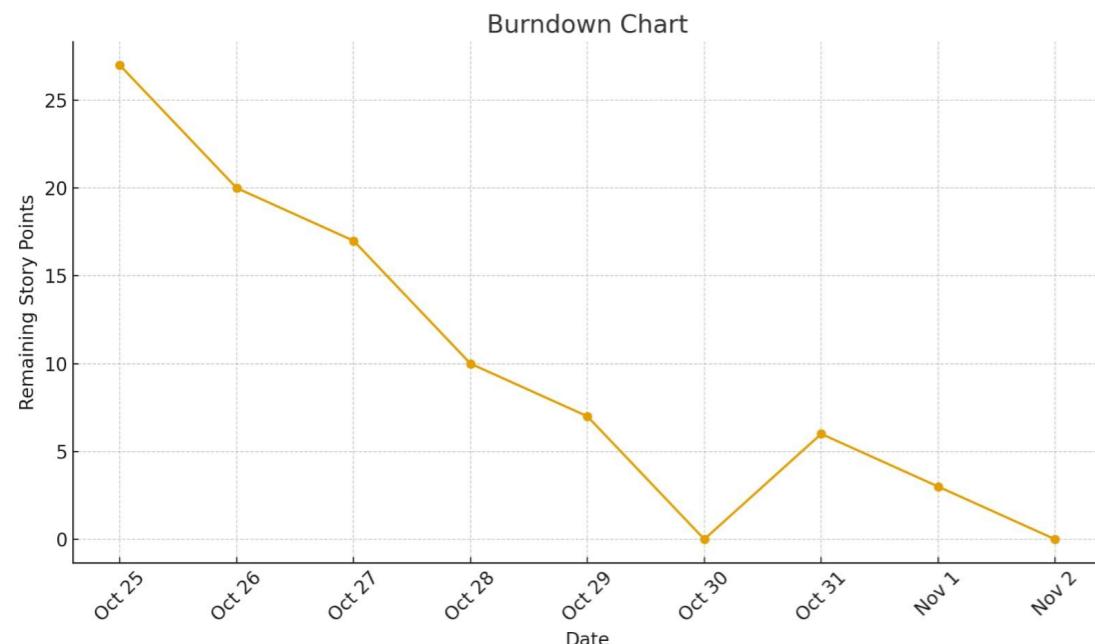
Total story points=27

Total duration=9 days

### Velocity Calculation

$$\text{Average Velocity} = \frac{\text{Total points completed}}{\text{Total duration in days}} = \frac{27}{9} = 3 \text{ Story point/day}$$

### Burndown chart



Total backlog = 27 story points

Daily burn rate = 3 story points/day

Work decreases every day until 0 points on Nov 2, 2025 (submission day)