

Project Planning Phase - Project Planning Template

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| Date | 1 Nov 2025 |
| Team ID | NM2025TMID02085 |
| Project Name | Garage Management system |

| Sprint | Functional Requirement | Epic | User Story Number | User Story Description | Task | Story Points | Priority | Team Members |
|----------|------------------------|-----------------------|-------------------|--|-----------------------------------|--------------|----------|-----------------|
| Sprint-1 | User Management | Customer Records | USN-1 | As an admin, I can create and manage customer records | Create and validate customers | 2 | High | Gokulnath.B |
| Sprint-1 | Appointment Management | Scheduling | USN-2 | As a manager, I can schedule, update, and cancel appointments | Implement appointment flows | 3 | High | Chandish.S |
| Sprint-2 | Business Rules | User Deletion Rule | USN-3 | As a system admin, I want to block deletion of customers | Business Rule to prevent deletion | 4 | High | Gokulnath.B |
| Sprint-2 | Testing | Validation Tests | USN-4 | As a tester, I should verify deletion blocking works correctly | Test deletion restrictions | 3 | High | Chandish.S |
| Sprint-2 | Login and Security | Access Control | USN-5 | As a user, I must login and access data based on role | Implement role-based access | 2 | Medium | Mahmood Shafi.K |
| Sprint-3 | Documentation | Project Documentation | USN-6 | As a developer, I want to document architecture and test cases | Document phases and deliverables | 3 | Medium | Gokulnath.B |

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date | Planned Story Points | Completed Points | Actual End Date |
|----------|--------------------|----------|-------------------|-----------------|----------------------|------------------|-----------------|
| Sprint-1 | 20 | 6 Days | 31 May 2025 | 05 June 2025 | 20 | 20 | 05 June 2025 |
| Sprint-2 | 20 | 6 Days | 05 June 2025 | 11 June 2025 | 20 | 20 | 11 June 2025 |
| Sprint-3 | 20 | 6 Days | 12 June 2025 | 18 June 2025 | 20 | 19 | 18 June 2025 |
| Sprint-4 | 20 | 6 Days | 19 June 2025 | 25 June 2025 | 20 | 20 | 25 June 2025 |

Velocity and Burndown Chart Explanation

Velocity is the average story points completed per day across sprints. This metric helps measure team productivity and predict future delivery timelines. A burndown chart graphically represents the remaining work in story points versus time, providing a visual progress tracker.