

Project Planning Phase

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

Date	12/04/2025
Team ID	SWTID1744100849
Project Name	HealthPlum
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Registration	USN-1	As a user, I can register by entering email, password, and confirming password.	2	High	Abhinav
Sprint-1	Email Verification	USN-2	As a user, I will receive a confirmation email after registration.	1	High	Muskan
Sprint-2	Social Login (Facebook)	USN-3	As a user, I can register through Facebook.	2	Low	Pranav
Sprint-1	Social Login (Gmail)	USN-4	As a user, I can register through Gmail.	2	Medium	Muskan
Sprint-1	Login	USN-5	As a user, I can log into the application with email and password.	1	High	Abhinav
Sprint-2	Doctor Listing	USN-6	As a user, I can view available doctors with specialization.	3	High	Pranav
Sprint-2	Booking System	USN-7	As a user, I can book appointments with a doctor.	4	High	Abhinav
Sprint-3	Booking Confirmation	USN-8	As a user, I get a booking confirmation with doctor name and time.	2	Medium	Muskan
Sprint-3	Profile Management	USN-9	As a user, I can manage	3	Medium	Pranav

			my profile details and past bookings.			
Sprint-4	Admin Dashboard	USN-10	As an admin, I can view/manage doctors and appointments.	5	High	All Members

Project Tracker, Velocity & Burndown Chart

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	12	5 Days	1 April 2025	05 April 2025	12	05 April 2025
Sprint-2	12	3 Days	6 April 2025	08 April 2025	-	-
Sprint-3	9	3 Days	9 April 2025	11 April 2025	-	-
Sprint-4	3	3 Days	12 April 2025	14 April 2025	-	-

Team Member Roles and Responsibilities:

Abhinav (Backend):

- Primary responsibility for server-side development using Node.js and Express
- Database design and implementation with MongoDB
- API development and integration
- Backend security and authentication
- Payment gateway integration

Muskan (Frontend):

- User interface design and implementation using React.js
- Responsive web design and CSS styling
- Form validation and user experience
- Component design and implementation
- Review and rating system UI

Pranav (Full Stack):

- Cross-functional support for both frontend and backend tasks
- Authentication system implementation
- Integration testing between frontend and backend
- Appointment booking system development
- Payment system integration

Task Distribution by Sprint:

Team Member	Sprint 1 (Story Points)	Sprint 2 (Story Points)	Sprint 3 (Story Points)	Sprint 4 (Story Points)	Total Story Points
Abhinav	4	4	5	0	13
Muskan	6	4	0	3	13
Pranav	2	4	4	0	10

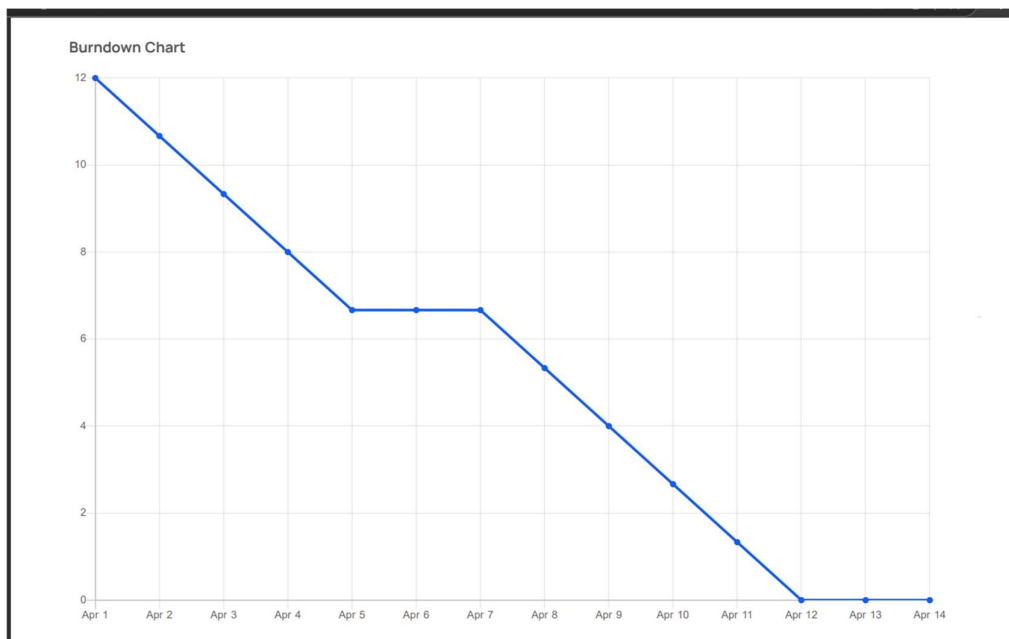
Velocity:

Based on our planning:

- Sprint 1: 12 story points / 5 days = 2.4 story points per day
- Sprint 2: 12 story points / 3 days = 4 story points per day
- Sprint 3: 9 story points / 3 days = 3 story points per day
- Sprint 4: 3 story points / 3 days = 1 story point per day

Burndown Chart

- **X-Axis:** Sprint Days
- **Y-Axis:** Remaining Story Points
- **Lines:**
 - **Ideal Burndown Line:** Straight line from total points to 0 across the sprint days.
 - **Actual Work Line:** Updated daily to reflect real progress.



The burndown chart shows a healthy project progression. While there was a slight delay in the middle of Sprint 2, the team caught up with consistent efforts and completed all tasks by April 11. This early delivery demonstrates effective sprint planning and collaboration.