

Project Planning Phase

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

Date	3 rd April 2025
Team ID	SWUID20250152937
Project Name	DocSync
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	Arnav
Sprint-1	Email Verification	USN-2	As a user, I will receive a confirmation email after registration.	1	High	Vayam
Sprint-2	Social Login (Facebook)	USN-3	As a user, I can register through Facebook.	2	Low	Saaj
Sprint-1	Social Login (Gmail)	USN-4	As a user, I can register through Gmail.	2	Medium	Samarth

Sprint-1	Login	USN-5	As a user, I can log into the application with email and password.	1	High	Saaj
Sprint-2	Doctor Listing	USN-6	As a user, I can view available doctors with specialization.	3	High	Arnav
Sprint-2	Booking System	USN-7	As a user, I can book appointments with a doctor.	4	High	Saaj
Sprint-3	Booking Confirmation	USN-8	As a user, I get a booking confirmation with doctor name and time.	2	Medium	Samarth
Sprint-3	Profile Management	USN-9	As a user, I can manage my profile details and past bookings.	3	Medium	Vayam
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	03 April 2025	07 April 2025	12	03 April 2025
Sprint-2	12		3 Days	07 April 2025	09 April 2025	-	-
Sprint-3	9		3 Days	10 April 2025	12 April 2025	-	-
Sprint-4	3		2 Days	13 April 2025	14 April 2025	-	-

Team Member Roles and Responsibilities:

Arnav (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

Vayam (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

Samarth and Saaj (Full Stack):

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

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
Arnav	4	4	5	0	13
Vayam	6	4	0	3	13
Samarth	2	4	4	0	10
Saaj	4	3	5	0	12

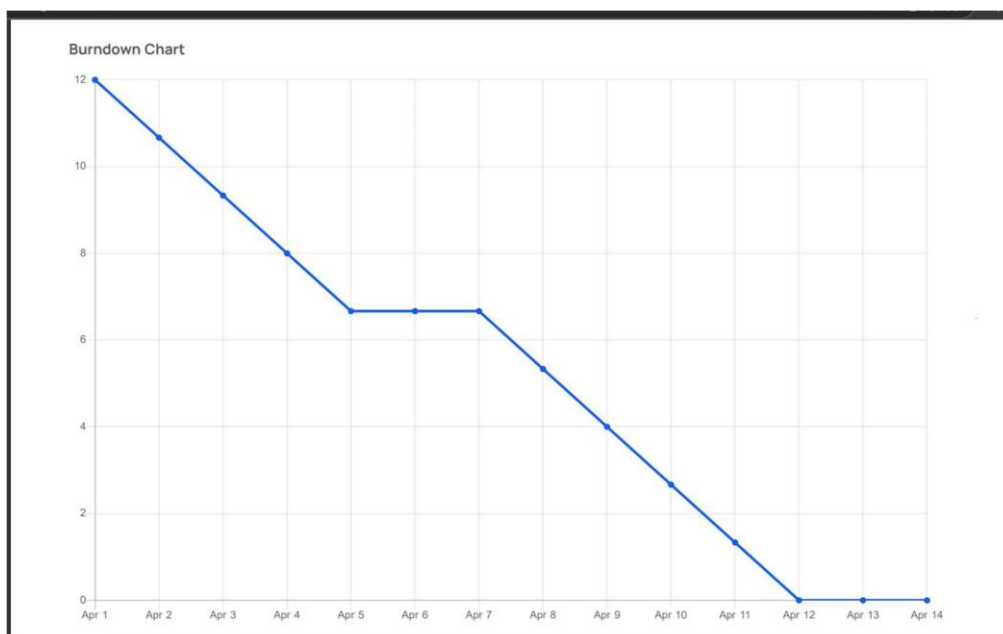
Velocity:

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 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 14. This early delivery demonstrates effective sprint planning and collaboration.