

PROJECT LOGIC

A Sprint is a fixed period or duration in which a team works to complete a set of tasks.

An **Epic** is a big task or project that is too large to complete in one sprint. It is broken down into smaller tasks (stories) that can be completed over multiple sprints.

A **Story** is a small task. It is part of an Epic.

A **Story Point** is a number that represents how much effort a story takes to complete.
(usually in the form of Fibonacci series)

- **1** – Very Easy task
 - **2** – Easy task
 - **3** – Moderate task
 - **5** – Difficult task
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Sprint 1: (5 Days)

User and Doctor Setup

- User Registration/Login – 2
- Doctor Registration/Profile Setup – 3

Admin Access & Dashboard Setup

- Admin Login and Role Handling – 2
- Basic Admin Panel Layout – 2

Total = 9 Story Points

Sprint 2: (5 Days)

Doctor Filtering and Booking Module

- Display Doctor List – 2
- Filtering by Specialty/Location – 3
- Slot Selection Calendar – 3
- File Upload (Multer) – 2

Total = 10 Story Points

Sprint 3: (5 Days)

Booking Approval and Notifications

- Admin Booking Approval/Reject – 3
- Email Reminders – 3
- Booking History Page – 2
- UI Polishing (Forms/Feedback/Error Handling) – 2

Total = 10 Story Points

Sprint 4: (5 Days)

Deployment and Finalization

- Razorpay Integration – 5
- Final Deployment to Render/Netlify – 3
- Documentation & Presentation – 2
- Responsive UI Finishing – 2

Total = 12 Story Points

Total Story Points

Sprint 1 = 9

Sprint 2 = 10

Sprint 3 = 10

Sprint 4 = 12

Velocity Calculation

Total Story Points = $9 + 10 + 10 + 12 = 41$

Number of Sprints = 4

Velocity = $41 \div 4 = 10.25$ Story Points per Sprint
