**Project Planning Phase**

**Date:** 15 February 2025  
**Team ID:** LTVIP2025TMID54470  
**Project Name:** DocSpot: Seamless Appointment Booking for Health  
**Maximum Marks:** 5 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register with email, password, and confirm password | 2 | High | 1 |
| Sprint-1 |  | USN-2 | As a user, I receive a confirmation email upon successful registration | 1 | High | 3 |
| Sprint-2 |  | USN-3 | As a user, I can register using Facebook | 2 | Low | 2 |
| Sprint-1 |  | USN-4 | As a user, I can register using Gmail | 2 | Medium | 4 |
| Sprint-1 | Login | USN-5 | As a user, I can log in using my registered email and password | 1 | High | 3 |
| Sprint-2 | Dashboard | USN-6 | As a user, I can view a role-based dashboard after login | 2 | High | 2 |
| Sprint-2 | Doctor Management | USN-7 | As an admin, I can verify or reject doctor registration requests | 3 | High | 4 |
| Sprint-3 | Booking | USN-8 | As a patient, I can view doctor availability and book an appointment | 5 | High | 1 |
| Sprint-3 |  | USN-9 | As a doctor, I can confirm, reject, or reschedule appointment requests | 3 | High | 1 |
| Sprint-4 | Notification | USN-10 | As a user, I receive notifications for upcoming appointments or status changes | 2 | Medium | 2 |
| Sprint-4 | Medical Records | USN-11 | As a patient, I can upload documents before the appointment | 2 | Medium | 3 |
| Sprint-4 |  | USN-12 | As a doctor, I can upload visit summary and follow-up prescriptions | 3 | Medium | 4 |

**Project Tracker, Velocity & Burndown Chart (4 Marks)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 10 | 6 Days | 01 Mar 2025 | 06 Mar 2025 | 10 | 06 Mar 2025 |
| Sprint-2 | 10 | 6 Days | 07 Mar 2025 | 12 Mar 2025 |  |  |
| Sprint-3 | 10 | 6 Days | 13 Mar 2025 | 18 Mar 2025 |  |  |
| Sprint-4 | 10 | 6 Days | 19 Mar 2025 | 24 Mar 2025 |  |  |

**Velocity**

Assuming a 6-day sprint duration, and Sprint-1 delivering 10 story points, the team's estimated average velocity is:

**Average Velocity (AV) = Total Story Points / Sprint Days = 10 / 6 ≈ 1.67 points/day**

This value helps in forecasting effort for future sprints and planning realistic release timelines.