

## Functional & Performance Testing Template

### Model Performance Test

Date	16 February 2026
Team ID	LTVIP2026TMIDS34705
Project Name	DocSpot – Seamless Doctor Appointment Booking System
Maximum Marks	

#### Test Scenarios & Results

Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	User Registration Validation	Enter valid and invalid email/password during registration	Valid details create account; invalid inputs show error messages	System validates email format and required fields correctly	Pass
FT-02	Login Authentication	Enter correct and incorrect login credentials	Correct credentials generate JWT token; incorrect credentials show error	Login works correctly with JWT token generation	Pass
FT-03	Role-Based Access Control	Try accessing admin page using patient login	Unauthorized access should be blocked (403 error)	Access restricted successfully	Pass
FT-04	Doctor Approval by Admin	Admin reviews and approves doctor application	Approved doctor becomes visible in doctor list	Doctor status updates correctly	Pass

<b>PT-01</b>	API Response Time Test	Use Postman to measure login and booking API response time	Response time should be under 500ms	Average response time: 320ms	Pass
<b>PT-02</b>	Concurrent Booking Test	Simulate multiple users booking appointments simultaneously	System should handle requests without crashing	Stable performance under moderate load (50 users)	Pass
<b>PT-03</b>	JWT Token Expiry Test	Use expired token to access protected route	System should return 401 Unauthorized	Proper error returned	Pass