Fire Insurance Module Testing Schedule Overview

This document outlines a comprehensive testing plan for the newly developed Fire Insurance module. The schedule is designed to systematically test all features and routes to ensure they are working as expected before presenting to management.

Pre-Testing Setup (Day 1: Morning)

- ☐ Set up testing environment
- ☐ Create test user accounts (regular user, admin)
- ☐ Prepare test data for fire insurance packages
- ☐ Ensure all required dependencies are installed
- ☐ Review database schema and migrations
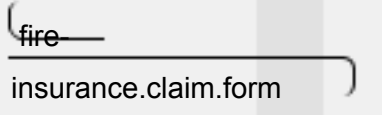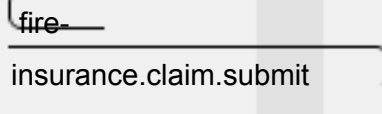
Testing Schedule
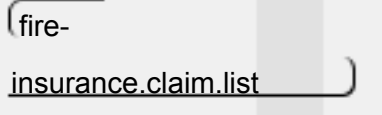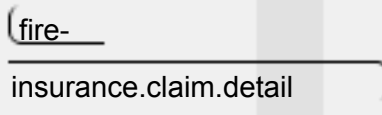
Day 1: Quotation Flow (Afternoon) - 15/4/25

Time	Feature	Route	Test Cases
1:00 PM - 1:30 PM	Quotation Form Display	fire-insurance.form	• Check form loads correctly • Verify all fields are present • Test session management
1:30 PM - 2:30 PM	Quotation Submission	fire-insurance.quotation	• Submit valid form data • Test validation errors • Test file uploads • Verify premium calculation • Test with logged-in and guest users
2:30 PM - 3:00 PM	Quotation Listing	fire-insurance.quotations	• Check listing for authenticated users • Test pagination • Verify session handling for guests
3:00 PM - 3:30 PM	Quotation Details	fire-insurance.details	• Verify correct quotation is displayed • Test authorization (users can only view their own) • Check document display
3:30 PM - 4:00 PM	Bug fixes and adjustments		Fix any issues found during Day 1 testing

Day 2: Order Processing - 16/4/25

Time	Feature	Route	Test Cases
9:00 AM - 10:00 AM	Create Order	fire-insurance.order.create	• Convert quotation to order • Verify premium, discount & VAT calculations • Check policy dates • Test order reference generation
10:00 AM - 10:30 AM	Order Listing	fire-insurance.order.list	• Verify orders display correctly • Test pagination • Check sorting by date
10:30 AM - 11:00 AM	Order Details	fire-insurance.order.details	• Verify all order information displays • Test authorization • Check documents display
11:00 AM - 12:00 PM	Order Payment Processing	order_payment method	• Test payment completion flow • Verify policy ID generation • Test different payment statuses • Check SMS and email notifications
1:00 PM - 2:00 PM	Document Updates	fire-insurance.update-documents	• Test document upload for rejected orders • Verify status changes after update • Test authorization checks
2:00 PM - 3:00 PM	Bug fixes and adjustments		Fix any issues found during Day 2 testing

Day 3: Policy and Claims - 17/4/25

Time	Feature	Route	Test Cases
9:00 AM - 9:30 AM	Policy View	fire-insurance.policy	• Verify policy certificate generation • Check all policy details • Test authorization
9:30 AM - 10:00 AM	Policy Listing	fire-insurance.policy.list	• Check all policies display for user • Test filtering options if applicable
10:00 AM - 11:00 AM	Claim Form	fire-insurance.claim.form	• Verify form loads with correct policy ID • Check all form fields • Test validation
11:00 AM - 12:00 PM	Claim Submission	fire-insurance.claim.submit	• Submit claim with various data • Test file uploads (multiple types) • Verify reference ID generation • Check coverage amount updates
1:00 PM - 1:30 PM	Claim Listing	fire-insurance.claim.list	• Verify claims list for user's policies • Test pagination • Check sorting
1:30 PM - 2:00 PM	Claim Details	fire-insurance.claim.detail	• Verify all claim information displays • Test authorization • Check uploaded documents display
2:00 PM - 3:00 PM	Bug fixes and final adjustments		Fix any issues found during testing

Day 4: Integration and Edge Cases - 19/04/25

Time	Feature	Test Cases
9:00 AM - 10:30 AM	User Authentication Integration	• Test login/logout flow with pending quotations • Verify session handling • Check authorization across all routes
10:30 AM - 12:00 PM	Edge Cases	• Test with maximum file sizes • Test with boundary values for coverage amounts • Test with special characters in inputs • Test with expired policies
1:00 PM - 2:30 PM	Performance Testing	• Test with multiple concurrent users • Check response times • Verify database queries are optimized
2:30 PM - 4:00 PM	Security Testing	• Check for authorization bypasses • Test for SQL injection • Verify CSRF protection • Check file upload security

Day 5: Final Review and Documentation - 20/04/25

Time	Task	Details
9:00 AM - 10:30 AM	Full End-to-End Testing	• Complete user journey from quotation to claim • Verify all emails and notifications
10:30 AM - 12:00 PM	Documentation Review	• Review generated policies and certificates • Check error messages and user feedback • Verify all routes work as documented
1:00 PM - 2:30 PM	Prepare Demo	• Create demo script • Prepare test data for demonstration • Create presentation slides if needed
2:30 PM - 3:30 PM	Dry Run	• Practice full demonstration • Time each segment • Prepare for potential questions
3:30 PM - 4:00 PM	Final Adjustments	• Address any last-minute issues

MD Presentation (Day 6) - 21/04/25

Time	Activity	Notes
10:00 AM - 10:15 AM	Introduction	Overview of the Fire Insurance module
10:15 AM - 11:00 AM	Live Demonstration	Walk through the complete user journey
11:00 AM - 11:15 AM	Technical Overview	Explain implementation highlights
11:15 AM - 11:30 AM	Q&A	Address any questions

Test Data Requirements

- Sample property documents (PDF, JPG files)
- Different property types (company, organization, office, home, commercial)
- Various coverage amounts
- Sample damage photos for claim testing

Testing Notes

- Document all issues in a tracking spreadsheet
- Take screenshots of bugs for documentation
- Note any UI/UX improvements that could be made
- Track test coverage to ensure all routes and methods are tested