
Software Test Description for **Workshop Management System**

Version 1.0 approved

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1.0 Introduction

1.1 System Identification

The Software Test Description (STD) belongs to the Workshop Management System.

System Title	Workshop Management System	
System Abbreviation	WMS	
System Identification Number	100 (SEP-SRS-WMS 1.1.25) The system identification number shows the identification number for Workshop Management System	
System Version Number	1.0 This is initial release number for Workshop Management System	
System Release Number	1.1.25 Start with number 1 as the major release number and middle with number 1 as the minor release number that this is initial version of the system. Number 25 as the service release that shows the system released in 2025	
Document Identification ID	SRS-WMS-2025	
	SRS	Software Requirement Specification
	WMS	Workshop Management System
	2025	Year of document created
Use Case ID	UC01-WMS-2025	
	UC	Use Case
	01	Number of use case in the system
	WMS	Workshop Management System
	2025	Year of document created
Requirement ID	REQ-WMS-2025-101	
	REQ	Requirement within Use Case
	WMS	Workshop Management System
	2025	Year of document created

	1	Use Case Number
	01	Requirement Number
Traceability ID	ReqTrac-WMS-2025-101	
	ReqTrac	Requirement Traceability
	WMS	Workshop Management System
	2025	Year of document created
	1	Use Case Number
	01	Requirement Traceability Number
Sequence ID	SEQ-WMS-2025-101	
	SEQ	Sequence
	WMS	Workshop Management System
	2025	Year of document created
	1	Use Case Number
	01	Sequence Number

1.2 References

- [1] IEEE 830-1998, IEEE Recommended Practice for Software Requirements Specifications, IEEE Computer Society, 1998.
- [2] IEEE 1016-2009, IEEE Standard for Information Technology—Systems Design—Software Design Descriptions, IEEE Computer Society, 2009.
- [3] IEEE 1058-1998, IEEE Standard for Software Project Management Plans, IEEE Computer Society, 1998.
- [4] IEEE 1028-1997, IEEE Standard for Software Reviews, IEEE Computer Society, 1997.
- [5] ISO/IEC/IEEE 29148:2011, Systems and Software Engineering – Life Cycle Processes – Requirements Engineering, ISO/IEC/IEEE, 2011.
- [6] “Workshop Management System – POMEN.” Accessed: Mar. 30, 2025. [Online]. Available: <https://www.pomen.io/workshop-management-system/>

2.0 Formal Qualification Test Preparation

2.1 Testing Schedule

Test Case ID	Module	Start Date	End Date
TC-WMS-101	Manage Profile	02/06/2025	03/06/2025
TC-WMS-102		03/06/2025	03/06/2025
TC-WMS-103		04/06/2025	05/06/2025
TC-WMS-104		05/06/2025	05/06/2025
TC-WMS-105		06/06/2025	06/06/2025
TC-WMS-106		06/06/2025	07/06/2025
TC-WMS-107		07/06/2025	07/06/2025
TC-WMS-201	Manage Shop Inventory	04/06/2025	04/06/2025
TC-WMS-202		04/06/2025	05/06/2025
TC-WMS-203		05/06/2025	05/06/2025
TC-WMS-204		06/06/2025	06/06/2025
TC-WMS-205		06/06/2025	06/06/2025
TC-WMS-206		07/06/2025	07/06/2025
TC-WMS-301	Request Inventory	07/06/2025	07/06/2025
TC-WMS-302		08/06/2025	08/06/2025
TC-WMS-303		09/06/2025	09/06/2025
TC-WMS-401	Manage Foreman Schedule	04/06/2025	04/06/2025
TC-WMS-402		05/06/2025	05/06/2025
TC-WMS-403		05/06/2025	05/06/2025
TC-WMS-404		06/06/2025	06/06/2025
TC-WMS-405		06/06/2025	08/06/2025
TC-WMS-406		08/06/2025	09/06/2025
TC-WMS-407		10/06/2025	10/06/2025
TC-WMS-408		10/06/2025	10/06/2025
TC-WMS-501	Select Available Schedule	05/06/2025	05/06/2025
TC-WMS-502		05/06/2025	05/06/2025
TC-WMS-503		06/06/2025	06/06/2025
TC-WMS-504		06/06/2025	07/06/2025
TC-WMS-505		07/06/2025	07/06/2025
TC-WMS-506		08/06/2025	08/06/2025
TC-WMS-507		09/06/2025	10/06/2025
TC-WMS-508		10/06/2025	11/06/2025
TC-WMS-509		11/06/2025	11/06/2025
TC-WMS-601	Manage Payroll	04/06/2025	05/06/2025
TC-WMS-602		05/06/2025	06/06/2025
TC-WMS-603		07/06/2025	07/06/2025
TC-WMS-604		07/06/2025	08/06/2025
TC-WMS-605		08/06/2025	08/06/2025

TC-WMS-606		08/06/2025	10/06/2025
TC-WMS-607		10/06/2025	10/06/2025
TC-WMS-701	Manage Rating	06/06/2025	06/06/2025
TC-WMS-702		06/06/2025	06/06/2025
TC-WMS-703		07/06/2025	07/06/2025
TC-WMS-704		07/06/2025	08/06/2025
TC-WMS-705		09/06/2025	09/06/2025

2.2 Test Case of System

2.2.1 Manage Profile (Alya Syakirah – CB22141)

Test Case ID	Description
TC-WMS-101	This test is performed to verify that Workshop Owners and Foreman can successfully register with valid details.
TC-WMS-102	This test is performed to verify that users can log in using correct credentials.
TC-WMS-103	This test is performed to verify that users can view and edit their profile information.
TC-WMS-104	This test is performed to verify that profile updates are saved when valid data is entered.
TC-WMS-105	This test is performed to verify that errors are shown when required fields are invalid or empty.
TC-WMS-106	This test is performed to verify that clicking cancel discards unsaved profile changes.
TC-WMS-107	This test is performed to verify that the forgot password function sends a reset link to the user's email

2.2.2 Manage Shop Inventory (Varshini Jagarajan – CB22139)

Test Case ID	Description
TC-WMS-201	This test is performed to verify that the owner can add a new inventory item by entering all required details.
TC-WMS-202	This test is performed to verify that the inventory items are listed correctly on the View Inventory page.
TC-WMS-203	This test is performed to verify that the owner can update details of an existing inventory item.
TC-WMS-204	This test is performed to verify that the owner can delete an inventory item from the system.
TC-WMS-205	This test is performed to verify that the supplier dropdown in the Add Inventory form retrieves supplier names from Firestore.
TC-WMS-206	This test is performed to verify that all required fields are validated and alerts are shown if any field is left empty.

2.2.3 Request Inventory (Varshini Jagarajan – CB22139)

Test Case ID	Description
TC-WMS-301	This test is performed to verify that the owner can submit a request for an inventory item with valid input.
TC-WMS-302	This test is performed to verify that the owner can update the status of an existing inventory request.
TC-WMS-303	This test is performed to verify that the system alerts the user when required fields are left empty.

2.2.4 Manage Foreman Schedule (Amala Karthigayan – CB23116)

Test Case ID	Description
TC-WMS-401	Verify that the workshop owner can successfully add a new gig slot.
TC-WMS-402	Validate error message when attempting to add a slot with the same time/location/job (duplicate slot).
TC-WMS-403	Verify that the workshop owner can edit an existing gig slot.
TC-WMS-404	Confirm that fields like location and required foreman count are disabled in edit.
TC-WMS-405	Verify that the workshop owner can delete an existing gig slot.
TC-WMS-406	Check if deletion prompt appears before a gig slot is deleted.
TC-WMS-407	Verify that the workshop owner can view all applications submitted by foremen.
TC-WMS-408	Confirm that the owner can approve/reject a pending foreman application and see the status change.

2.2.5 Select Available Schedule (Amala Karthigayan – CB23116)

Test Case ID	Description
TC-WMS-501	Verify that a foreman can view available gigs for application.
TC-WMS-502	Validate that a foreman can apply for an available gig slot.
TC-WMS-503	Ensure the system checks if the slot is available before applying.
TC-WMS-504	Confirm that a successful application sends a confirmation message.
TC-WMS-505	Check that the foreman can view their applied gig slots.
TC-WMS-506	Validate that a foreman can cancel their application if more than 24 hours remain.
TC-WMS-507	Ensure that cancellation is not allowed within 24 hours of gig start.
TC-WMS-508	Validate the system notifies the owner upon cancellation by foreman.
TC-WMS-509	Ensures foreman receives notification upon approval/rejection of the gig slots applied.

2.2.6 Manage Payroll (Nabihah Fatiny – CB23101)

Test Case ID	Description
TC-WMS-601	This test is performed to verify that the Workshop Owner can view foremen with pending payroll records.
TC-WMS-602	This test ensures that a payment entry form is displayed when the Workshop Owner selects a foreman from the list.
TC-WMS-603	This test verifies that the Workshop Owner can successfully submit a valid payment with correct details.
TC-WMS-604	This test checks whether the system correctly displays an error message for invalid payment details such as incorrect account number.
TC-WMS-605	This test confirms that the Workshop Owner can modify the payment amount before final submission.
TC-WMS-606	This test ensures that the Workshop Owner can cancel a payment process before it is submitted.
TC-WMS-607	This test is performed to confirm that the Foreman can view their payroll records and payment status in the system.

2.2.7 Manage Rating (Nabihah Fatiny – CB23101)

Test Case ID	Description
TC-WMS-701	This test is performed to verify that the Customer can view a list of completed bookings for rating purposes.
TC-WMS-702	This test checks that the system displays a rating form when the Customer selects to submit a rating.
TC-WMS-703	This test is performed to ensure that the Customer can successfully submit a valid star rating and written comment.
TC-WMS-704	This test confirms that the Workshop Owner can access and view all ratings and comments submitted by customers.
TC-WMS-705	This test verifies that the Foreman can view all ratings and comments submitted by customers.

2.3 Hardware Preparation

The mobile application for Workshop Inventory Management is designed to run on standard Android emulators. It does not require high-end hardware specifications but must operate on devices that support Android OS. The development and testing processes are carried out using computers equipped with Intel or AMD processors and at least 4GB of RAM. An active internet connection is necessary on both the development machine and mobile device to ensure synchronization with Firebase services. The application is optimized for general Android devices and can run smoothly on most modern smartphones.

Hardware Requirement:

Category	Hardware
Processor	Intel / AMD
Memory (RAM)	4GB or above
Internet Connectivity	Required
Supported Devices	Android Smartphones

2.4 Software Preparation

The mobile application for Workshop Inventory Management is created using the Flutter framework and connected to Firebase for its backend services. The app is created with Dart and developed using the Visual Studio Code editor. It is assessed and implemented on Android emulators through Android Studio. The system is built to operate on devices that use Android OS and needs an internet connection to synchronize with Firebase services.

Software Requirements:

Category	Software
Programming Language	Dart
Framework	Flutter
Backend / Database	Firebase (Firestore)
Editor / IDE	Visual Studio Code 1.101
Emulator	Android Studio
Operating System	Windows 10 or above
Additional Tools	Firebase Console, Flutter SDK
Supported Devices	Android smartphones

3.0 Formal Qualification Test Description

3.1 Manage Profile (Alya Syakirah – CB22141)

Test Case ID	TC-WMS-101
Description	Verify successful registration for Workshop Owners and Foreman.
Precondition	User not registered yet.
Test Input	Click “Register”, fill in all required fields: <ol style="list-style-type: none">1. Foreman: Name, Phone Number, Position, Skills, Specialization, Experience2. Workshop Owner: Name, Phone Number, Workshop Name, Workshop Address, Business Overview, Operating Hours Then click “Submit”.
Expected Result	User profile is saved in the Firestore and a success message is shown.
Actual Result	User registered successfully.

Test Case ID	TC-WMS-102
Description	Verify login with valid credentials.
Precondition	<ol style="list-style-type: none">1. User account exists.2. User in on the login page.
Test Input	Enter correct email and password, click “Login”.
Expected Result	User is redirected to the dashboard.
Actual Result	User logged in successfully.

Test Case ID	TC-WMS-103
Description	Verify viewing and editing profile information.
Precondition	User is logged in.
Test Input	Click the “Profile” section, then click “Edit” button.

Expected Result	Editable fields are displayed with current profile information.
Actual Result	Profile edit form shown with pre-filled data.

Test Case ID	TC-WMS-104
Description	Verify saving profile updates with valid data.
Precondition	User is logged in.
Test Input	Enter valid data in all required fields, click “Save Changes”.
Expected Result	Changes saved and success message displayed.
Actual Result	Profile updated successfully and changes reflected in the Firestore.

Test Case ID	TC-WMS-105
Description	Verify validation for empty or invalid input fields.
Precondition	User is logged in.
Test Input	Leave required fields empty or enter invalid email, click “Save Changes”.
Expected Result	System shows relevant error messages.
Actual Result	Errors displayed and profile not updated.

Test Case ID	TC-WMS-106
Description	Verify cancel button discards unsaved changes.
Precondition	User is editing their profile.
Test Input	Modify profile fields and click “Cancel”.
Expected Result	No changes are saved and the original profile data is shown.
Actual Result	Changes discarded.

Test Case ID	TC-WMS-107
Description	Verify forgot password function.
Precondition	User is on the login page.

Test Input	Click “Forgot Password”, enter registered email and click “Submit”.
Expected Result	Reset link is sent to the user’s email.
Actual Result	Password reset email received successfully.

3.2 Manage Shop Inventory (Varshini Jagarajan – CB22139)

Test Case ID	TC-WMS-201
Description	Verify adding a new inventory item
Precondition	1. Owner logged in. 2. Suppliers exist.
Test Input	Click “Add Inventory”, fill all fields, click “Add Item”.
Expected Result	Item saved in Firestore and success message shown.
Actual Result	Item added successfully.

Test Case ID	TC-WMS-202
Description	View inventory list.
Precondition	1. Inventory items exist in Firestore.
Test Input	Click “View Inventory”.
Expected Result	Items listed with correct data.
Actual Result	Items displayed correctly.

Test Case ID	TC-WMS-203
Description	Edit inventory item.
Precondition	1. Existing inventory item.
Test Input	Tap item → Edit → change values → Save
Expected Result	Item updated and changes reflected in Firestore.
Actual Result	Item updated successfully.

Test Case ID	TC-WMS-204
Description	Delete inventory item.
Precondition	1. At least one item exists.
Test Input	Tap item → Delete → Confirm
Expected Result	Item removed from Firestore.
Actual Result	Item deleted.

Test Case ID	TC-WMS-205
Description	Supplier dropdown loads from Firestore.
Precondition	1. Supplier collection has records.
Test Input	Open Add Inventory → Click supplier dropdown
Expected Result	Supplier list retrieved and displayed.
Actual Result	Supplier list shown correctly.

Test Case ID	TC-WMS-206
Description	Validate required fields.
Precondition	1. Request form loaded.
Test Input	Leave quantity or supplier empty → click “Submit”
Expected Result	Alert: “Please fill all required fields.”
Actual Result	Alert shown.

3.3 Request Inventory (Varshini Jagarajan – CB22139)

Test Case ID	TC-WMS-301
Description	Submit inventory request.
Precondition	1. Owner selects low stock item.
Test Input	Enter quantity and select supplier → click “Submit”
Expected Result	Request saved to Firestore with status “Pending”.
Actual Result	Request submitted successfully.

Test Case ID	TC-WMS-302
Description	Change request status.
Precondition	1. At least one request exists.
Test Input	In Request Status page → choose status from dropdown
Expected Result	Status updates in Firestore.
Actual Result	Status updated.

Test Case ID	TC-WMS-303
Description	Validate required fields.
Precondition	1. Request form loaded.
Test Input	Leave quantity or supplier empty → click “Submit”
Expected Result	Alert: “Please fill all required fields.”
Actual Result	Alert shown.

3.4 Manage Foreman Schedule (Amala Karthigayan – CB23116)

TC-WMS-401 Add Gig Slot

Requirement: Workshop owner shall be able to add gig slots.

Test Case ID	TC-WMS-401
Description	Verify that the workshop owner can successfully add a new gig slot.
Precondition	1. Owner is logged in. 2. Owner is on Add Gig Slot page.
Test Input	Fill all required fields (date, time, location, job description, required foremen count, payment) → Click << ADD SLOT >>.
Expected Result	New gig slot appears in the slot list; success message is shown.
Actual Result	New gig slot appears and a success message is shown.

TC-WMS-402 Duplicate-Slot Validation

Requirement: Slots with same job description shall not exist at the same location, date and time.

Test Case ID	TC-WMS-402
Description	Validate error message when attempting to add a duplicate slot.
Precondition	<ol style="list-style-type: none">1. A slot with date D, time T, location L, job J already exists.2. Owner is on Add Gig Slot page.
Test Input	Enter D, T, L, J again → Click << ADD SLOT >>.
Expected Result	System displays error “Duplicate slot ...” and prevents saving.
Actual Result	Error message is displayed stating that the slot already exists.

TC-WMS-403 Edit Gig Slot

Requirement: Workshop owner shall be able to edit gig slots.

Test Case ID	TC-WMS-403
Description	Verify that the owner can modify editable fields of an existing gig slot.
Precondition	<ol style="list-style-type: none">1. Owner is on Edit Gig Slot page for a valid slot.
Test Input	Change job name, description, time, date and payment details → Click << SAVE CHANGES >.
Expected Result	Slot is updated; list reflects new details.
Actual Result	Changes are made and listed successfully.

TC-WMS-404 Read-Only Fields in Edit

Requirement: Location and required foreman count cannot be modified once slot is created.

Test Case ID	TC-WMS-404
Description	Confirm location and foreman-count inputs are disabled in edit mode.
Precondition	1. Owner is on Edit Gig Slot page.
Test Input	Attempt to change location or required foremen.
Expected Result	Fields are read-only / disabled; no change possible.
Actual Result	The fields are disabled and can't make any changes.

TC-WMS-405 Delete Gig Slot

Requirement: Workshop owner shall be able to delete gig slots.

Test Case ID	TC-WMS-405
Description	Verify that owner can delete an existing gig slot.
Precondition	1. Owner views slot list.
Test Input	Select slot → Click << Delete >> → Confirm prompt.
Expected Result	Slot is removed from list; success message shown.
Actual Result	Slot is successfully deleted and a message is shown.

TC-WMS-406 Deletion Prompt

Requirement: Deletion requires confirmation.

Test Case ID	TC-WMS-406
Description	Check that a confirmation dialog appears before deletion.
Precondition	1. Same as TC-WMS-405.
Test Input	Click <<Yes>>.
Expected Result	Prompt “Are you sure to delete the gig slot?” appears; no deletion until confirmed.
Actual Result	Confirmation message is displayed before the deletion.

TC-WMS-407 View Applications

Requirement: Workshop owner shall view all applications submitted by foremen.

Test Case ID	TC-WMS-407
Description	Verify that Manage Gig Application page lists every submitted application.
Precondition	1. At least one application exists.
Test Input	Navigate to Manage Gig Applications .
Expected Result	List shows each application with correct foreman details.
Actual Result	List of application with correct foreman details is shown.

TC-WMS-408 Approve/Reject Application

Requirement: Workshop owner shall be able to approve or reject applications.

Test Case ID	TC-WMS-408
Description	Confirm approval/rejection updates status and notifies foreman.
Precondition	1. Owner opens Manage Gig Application for a “Pending” record.
Test Input	Click << APPROVE > or << REJECT >> on submitted application.
Expected Result	Status changes to Approved/Rejected; foreman receives notification.
Actual Result	Foreman receives notification upon successful approval or rejection.

3.5 Select Available Schedule (Amala Karthigayan – CB23116)

TC-WMS-501 View Available Gigs

Requirement: Foreman shall be able to view available gigs.

Test Case ID	TC-WMS-501
Description	Verify available gig list loads excluding past or full slots.
Precondition	1. Foreman is logged in.
Test Input	Navigate to View Available Gigs .
Expected Result	List displays open slots only.
Actual Result	Available gig slots are displayed successfully.

TC-WMS-502 Apply for Gig

Requirement: Foreman shall be able to apply for an available gig slot.

Test Case ID	TC-WMS-502
Description	Validate successful application submission.
Precondition	1. Valid slot displayed in list.
Test Input	Select slot → Click <<APPLY>>.
Expected Result	Application status “Pending”; confirmation shown.
Actual Result	Foreman can successfully apply for the gig slot and a confirmation is shown.

TC-WMS-503 Availability Check

Requirement: System must check slot availability before applying.

Test Case ID	TC-WMS-503
Description	Attempt to apply when slot is already full.
Precondition	1. Slot’s required foremen count reached.
Test Input	Click <<APPLY>> on full slot.
Expected Result	Error “Slot is full” displayed; no application created.
Actual Result	Error message is displayed and no application created.

TC-WMS-504 Application Confirmation

Requirement: Foreman receives confirmation after applying.

Test Case ID	TC-WMS-504
Description	Ensure confirmation dialog appears post-apply.
Precondition	1. Same as TC-WMS-502.
Test Input	Apply for a slot.
Expected Result	Confirmation “Application submitted”.

Actual Result	Confirmation message is displayed along with a notification in the system.
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TC-WMS-505 View Applied Gigs

Requirement: Foreman shall view their applied gig slots.

Test Case ID	TC-WMS-505
Description	Verify applied gigs appear in AppliedGigList .
Precondition	1. Foreman has at least one application.
Test Input	Navigate to Applied Gigs .
Expected Result	List displays status of each application.
Actual Result	The list of applied gigs is displayed with the application status (approved/rejected).

TC-WMS-506 Cancel Application (>24 h)

Requirement: Foreman can cancel application if >24 h before gig.

Test Case ID	TC-WMS-506
Description	Validate cancellation when more than 24 hours remain.
Precondition	1. Gig start time is >24 h away.
Test Input	Select application → Click <<CANCEL>> → Confirm.
Expected Result	Status changes to Cancelled; owner notified.
Actual Result	Cancellation is successful and the owner receives a notification.

TC-WMS-507 Cancellation Not Allowed (<24 h)

Requirement: Cancellation not allowed within 24 h of gig start.

Test Case ID	TC-WMS-507
Description	Attempt cancellation with <24 h remaining.
Precondition	1. Gig starts in <24 h.
Test Input	Select application → Click <<CANCEL>>
Expected Result	Error “Cannot cancel within 24 h” shown; no status change.
Actual Result	Error message is displayed.

TC-WMS-508 Owner Notification on Cancellation

Requirement: Owner notified when foreman cancels

Test Case ID	TC-WMS-508
Description	Verify owner receives notification after cancellation.
Precondition	1. Cancellation confirmed (TC-WMS-506).
Test Input	Observe owner notification feed.
Expected Result	Notification “Foreman X cancelled slot Y”.
Actual Result	Notification is received by the respective owners.

TC-WMS-509 Foreman Notification on Approval/Rejection

Requirement: Foreman notified upon approval/rejection.

Test Case ID	TC-WMS-509
Description	Confirm foreman receives notification when owner approves/rejects application.
Precondition	1. Owner makes decision (TC-WMS-408).
Test Input	Observe foreman notification center.

Expected Result	Notification “Application Approved” or “Application Rejected”.
Actual Result	Foreman successfully receives notification upon the decision made by the owners and the application status changes according to it.

3.6 Manage Payroll (Nabihah Fatiny – CB23101)

Requirement: Workshop Owner can view pending payroll for each foreman.

Test Case ID	TC-WMS-601
Description	Verify Workshop Owner can view foremen with pending payments
Precondition	Workshop Owner is logged in. Pending payments exist.
Test Input	<ol style="list-style-type: none"> 1. Click “Manage Payroll” from the dashboard 2. System loads a list of foremen with pending payments.
Expected Result	List of foremen with pending payments is displayed
Actual Result	List of pending foremen appears successfully on the screen.

Requirement: System displays payment entry form when a foreman is selected.

Test Case ID	TC-WMS-602
Description	Verify payment form displays after selecting a foreman
Precondition	Pending payment exists for the selected foreman
Test Input	<ol style="list-style-type: none"> 1. From the “Manage Payroll” list, click on a foreman with a pending payment. 2. System displays the payment entry form with required fields: Bank, Name, Account Number, Amount, Date Reference

Expected Result	Payment form with fields appears (Bank, Name, Account No., Amount, Date, Reference)
Actual Result	Payment entry form is shown with all fields visible and ready for input.

Requirement: Workshop Owner can make payment to foreman using valid input.

Test Case ID	TC-WMS-603
Description	Submit a valid payment successfully
Precondition	Form filled with valid details
Test Input	<ol style="list-style-type: none"> 1. Click on a foreman, fill in all required fields in the payment form: 2. click "Submit Payment"
Expected Result	Payment processed, success message displayed, status = "Successful"
Actual Result	Payment submission successful and confirmation message appears with status marked as "Successful".

Requirement: System validates payment input and shows error for incorrect account details.

Test Case ID	TC-WMS-604
Description	Handle invalid payment details
Precondition	Payment form is opened
Test Input	<ol style="list-style-type: none"> 1. Click on a foreman, fill in the form with invalid account number. 2. Click Submit button
Expected Result	Error message: "Invalid payment details. Please check and try again."
Actual Result	System displays validation error and prevents submission due to incorrect account details.

Requirement: Workshop Owner can update payment amount before submitting.

Test Case ID	TC-WMS-605
Description	Modify payment amount before submission
Precondition	Payment form is displayed
Test Input	<ol style="list-style-type: none"> 1. Click on a foreman to open the form. 2. Fill in all fields with a default amount of RM1000.00. 3. Click “Update”, change the amount to RM1200.00. 4. Then click “Save Changes”.
Expected Result	Updated amount saved and shown in form
Actual Result	Modified payment amount is updated and displayed in the form successfully.

Requirement: Workshop Owner can cancel a payment before it's finalized.

Test Case ID	TC-WMS-606
Description	Cancel payment after starting submission
Precondition	Form is filled and submission started
Test Input	Click “Cancel” after clicking “Submit Payment”
Expected Result	Payment process is cancelled. no record is submitted
Actual Result	Payment action is aborted and no data is recorded in the system.

Requirement: Foreman can view his payroll history and payment status.

Test Case ID	TC-WMS-607
Description	Foreman views their payroll records
Precondition	Foreman is logged in. payroll records exist
Test Input	<ol style="list-style-type: none"> 1. Foreman logs into the system. 2. Click “Manage Payroll” from the navigation menu.

	3. System displays personal payroll records and statuses.
Expected Result	Records and payment status are shown
Actual Result	Payroll history and statuses are successfully shown to the foreman.

3.7 Manage Rating (Nabihah Fatiny – CB23101)

Requirement: Customers can view their completed bookings to submit ratings

Test Case ID	TC-WMS-701
Description	Verify that Customer can view completed bookings
Precondition	Booking is marked as completed and rating feature is active
Test Input	Customer navigates to “Manage Rating” section
Expected Result	A list of completed bookings is presented to the customer
Actual Result	Completed bookings are displayed clearly for rating selection

Requirement: Customers can access a rating form after selecting a completed booking

Test Case ID	TC-WMS-702
Description	Verify rating form is shown when submitting a rating
Precondition	Completed booking exists
Test Input	Customer clicks “Submit Your Rating” button
Expected Result	Rating form with stars and feedback field is shown
Actual Result	Star rating interface and feedback text area appear successfully

Requirement: Customers can submit a star rating and written feedback after a service.

Test Case ID	TC-WMS-703
Description	Submit a valid star rating and feedback comment
Precondition	Rating form is visible after click “Submit Your Rating” button
Test Input	Customer selects 5 stars and writes a comment, then clicks submit
Expected Result	The system saves the rating and displays it on the Viewr Rating Page
Actual Result	Submitted rating and comment are recorded and shown properly

Requirement: Workshop Owners can view all customer-submitted ratings and comments.

Test Case ID	TC-WMS-704
Description	View submitted ratings as Workshop Owner
Precondition	Customer ratings are available
Test Input	Workshop Owner navigate to “Manage Rating” section
Expected Result	All customer feedback and ratings are listed on the screen
Actual Result	A compiled list of customer feedback and ratings

Requirement: Foremen can view all customer-submitted ratings and comments.

Test Case ID	TC-WMS-705
Description	View submitted ratings as Foreman
Precondition	Ratings exist in the system
Test Input	Foreman navigates to the “Manage Rating” page
Expected Result	Ratings given by customers are viewable in read-only mode
Actual Result	Foreman can successfully view ratings and feedbacks

4.0 Acronym and Abbreviation

Acronyms / Abbreviation	Description
STD	Software Test Description
WMS	Workshop Management System
TC	Test Case
REQ	Requirement