

SQE Final Project

Project Title: Comprehensive Quality Engineering for the Open-Source Crater Application

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Section: SE-B

Black Box Testing Report (IEEE 829-2008 Standard)

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File: customer.txt

Test Case ID	BB-CUS-001
Title	Create new customer with required fields
Objective	Verify that a new customer can be successfully created using only required fields.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Enter a unique name in the "Display Name" field. 4. Enter a unique email address in the "Email" field. 5. Click "Save" or "Submit". 6. Check that the newly created customer's name appears in the list.
Test Data	<ul style="list-style-type: none"> - Name: Customer [timestamp] - Email: test[timestamp]@example.com
Expected Result	- The new customer's name appears in the customer list and is visible.
Actual Result	The new customer's name appears in the customer list and is visible.
Status	Pass
Severity	High

Test Case ID	BB-CUS-002
Title	Create customer with all optional fields filled
Objective	Verify that a customer can be created with all optional fields completed.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Enter a unique name in the "Display Name" field. 4. Enter a unique email address in the "Email" field. 5. Fill in the phone field, website field, address street, city, and zip in the respective billing fields. 6. Click "Save" or "Submit". 7. Check that the newly created customer's name appears in the list.
Test Data	<ul style="list-style-type: none"> - Name: Full Customer [timestamp] - Email: full[timestamp]@example.com - Phone: +1234567890 - Website: https://example.com - Billing Street: 123 Main St - Billing City: New York - Billing Zip: 10001
Expected Result	- The new customer's name appears in the customer list and is visible.
Actual Result	The new customer's name appears in the customer list and is visible.
Status	Pass
Severity	Medium

Test Case ID	BB-CUS-003
Title	Validation error when name is empty during customer creation
Objective	Verify that the system shows a validation error if the customer name field is left empty.

Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Leave the name field empty. 4. Enter a valid email address in the "Email" field. 5. Click "Save" or "Submit". 6. Observe for validation error message.
Test Data	<ul style="list-style-type: none"> - Name: (empty) - Email: noname[timestamp]@example.com
Expected Result	- A validation error message "Field is required" should be visible.
Actual Result	A validation error message "Field is required" is displayed.
Status	Pass
Severity	High

Test Case ID	BB-CUS-004
Title	Validation error for invalid email format during customer creation
Objective	Verify that the system displays a validation error when an invalid email format is entered.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Enter any name in the "Display Name" field. 4. Enter "not-an-email" in the "Email" field. 5. Click "Save" or "Submit". 6. Observe for validation error message.
Test Data	<ul style="list-style-type: none"> - Name: Invalid Email User - Email: not-an-email
Expected Result	- A validation error message "Incorrect Email." should be visible.
Actual Result	A validation error message "Incorrect Email." is displayed.
Status	Pass
Severity	High

Test Case ID	BB-CUS-005
Title	Display customer list page
Objective	Verify that the customer list page loads and is visible to the user.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Verify that the URL contains "/customers". 3. Check that "Customers" or "Customer List" header is visible on the page.
Test Data	- N/A
Expected Result	<ul style="list-style-type: none"> - The URL contains "/customers". - "Customers" or "Customer List" text is visible.
Actual Result	The URL contains "/customers" and the "Customers" or "Customer List" text is visible.
Status	Pass
Severity	Low

Test Case ID	BB-CUS-006
Title	Search customers by name
Objective	Verify that customer search by name returns correct results in the customer list.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin - Customer with unique name exists
Test Steps	<ol style="list-style-type: none"> 1. Create a customer with a unique name using API/command. 2. Navigate to the Customers page (/admin/customers). 3. Enter the unique customer name in the search input. 4. Wait for the search to complete. 5. Verify that the customer appears in the results.
Test Data	<ul style="list-style-type: none"> - Customer name: SearchTarget [timestamp] - Email: search[timestamp]@example.com - Search input: SearchTarget [timestamp]
Expected Result	- The customer name is present in the table results.
Actual Result	The customer name is present in the table results.
Status	Pass
Severity	Medium

Test Case ID	BB-CUS-007
Title	Create customer with all fields filled (Basic, Billing, Shipping)
Objective	Verify that a customer can be successfully created with all basic, billing, and shipping fields filled.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Fill in all basic info fields, including two "name" fields (Display Name and Prefix), primary contact, email, phone, and website. 4. Fill in all billing address fields: name, state, city, two street fields, phone, zip. 5. Fill in all shipping address fields: name, state, city, two street fields, phone, zip. 6. Click "Save" or "Submit". 7. Verify that the newly created customer's name appears in the list.
Test Data	<ul style="list-style-type: none"> - Name: AllFields Customer [timestamp] - Primary Contact Name: Contact [timestamp] - Email: allfields[timestamp]@example.com <ul style="list-style-type: none"> - Phone: +15550000000 - Website: https://craterapp.com - Prefix: Mr. - Billing Name: Billing Name [timestamp] <ul style="list-style-type: none"> - Billing State: California - Billing City: Los Angeles - Billing Street1: 123 Billing St - Billing Street2: Suite 100 - Billing Phone: +15551111111 - Billing Zip: 90001 - Shipping Name: Shipping Name [timestamp] <ul style="list-style-type: none"> - Shipping State: Nevada - Shipping City: Las Vegas - Shipping Street1: 777 Shipping Blvd - Shipping Street2: Floor 2 - Shipping Phone: +15552222222 - Shipping Zip: 89109

Expected Result	- The new customer's name appears in the customer list and is visible.
Actual Result	The new customer's name appears in the customer list and is visible.
Status	Pass
Severity	High

Test Case ID	BB-CUS-008
Title	Verify "Copy from Billing" populates shipping fields
Objective	Verify that clicking "Copy from Billing" correctly populates shipping address fields from billing address.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Customers page (/admin/customers). 2. Click the "New Customer" or "Add New Customer" button. 3. Enter billing address name, billing street1, and billing zip. 4. Click the "Copy from Billing" button. 5. Verify that shipping address name, shipping street1, and shipping zip are copied from billing.
Test Data	<ul style="list-style-type: none"> - Billing Name: Billing Copy [timestamp] - Billing Street1: Copy St 1 - Billing Zip: 12345
Expected Result	<ul style="list-style-type: none"> - Shipping address name field is populated with "Billing Copy [timestamp]". - Shipping street1 field is populated with "Copy St 1". - Shipping zip field is populated with "12345".
Actual Result	Shipping address name, street1, and zip fields are correctly populated with billing values.
Status	Pass
Severity	Medium

File: estimate.txt

Test Case ID	BB-EST-001
Title	Create New Estimate with Basic Details
Objective	Verify that a new estimate can be created by providing all required basic fields.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded with customers - Admin user logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the "Create Estimate" page (/admin/estimates/create). 2. Select "New Customer" in the customer dropdown. 3. Type "c" in the visible customer search input. 4. Select the first visible customer from the dropdown. 5. Enter "Consulting" as the item name in the first visible text input. 6. Enter "Professional consulting services" in the first textarea for description. 7. Type "2" into the first visible number input for quantity. 8. Type "500" into the first visible tel input for price. 9. Confirm that all fields are filled successfully.
Test Data	<ul style="list-style-type: none"> - Customer search input: "c" - Selected customer: First visible from dropdown - Item name: "Consulting" - Description: "Professional consulting services" - Quantity: 2 - Price: 500
Expected Result	<ul style="list-style-type: none"> - The UI allows entry of all basic details into the estimate creation form. - All fields reflect the input values provided.
Actual Result	All fields are successfully filled with the provided data.
Status	Pass
Severity	High

Test Case ID	BB-EST-002
Title	Navigate to Estimates Page and Verify Table Display
Objective	Verify the application navigates to the estimates page and displays the estimates table.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded with at least one estimate - Admin user logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the estimates page (/admin/estimates). 2. Confirm the URL includes "/admin/estimates". 3. Verify that the estimates table is visible on the page.
Test Data	<ul style="list-style-type: none"> - URL: /admin/estimates
Expected Result	<ul style="list-style-type: none"> - The URL contains "/admin/estimates". - An estimates table is visible to the user.
Actual Result	The user is on "/admin/estimates" and sees the table.
Status	Pass
Severity	High

Test Case ID	BB-EST-003
Title	Show Validation Error on Empty Estimate Form Submission
Objective	Ensure validation errors are triggered when trying to save an empty estimate form.
Preconditions	<ul style="list-style-type: none"> - Application running - Admin user logged in

Test Steps	<ol style="list-style-type: none"> 1. Navigate to the "Create Estimate" page (/admin/estimates/create). 2. Click the "Save Estimate" button without filling any fields. 3. Wait for possible navigation or validation messages. 4. Confirm that the URL still includes "/create".
Test Data	- Empty form submission
Expected Result	- The system rejects the submission and remains on the create page (URL contains "/create").
Actual Result	Submission rejected; still on "/create" page.
Status	Pass
Severity	Medium

Test Case ID	BB-EST-004
Title	Search for Customer in Dropdown During Estimate Creation
Objective	Verify the customer dropdown search functionality allows entering and displaying search text.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded with customers (including "Test") - Admin user logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the estimates page (/admin/estimates). 2. Click the "New Estimate" or "Add New Estimate" button. 3. Click the "New Customer" button to open the customer selection dropdown. 4. Type "Test" into the search input field. 5. Verify that the search input field displays "Test" as its value.
Test Data	- Search term: "Test"
Expected Result	- Search input field is visible and contains the text "Test" after entry.
Actual Result	Search input correctly displays "Test".
Status	Pass
Severity	Medium

Test Case ID	BB-EST-005
Title	Open Customer Selection Dropdown on Create Estimate Page
Objective	Verify that clicking the customer selection button opens a dropdown or popup with a search input.
Preconditions	<ul style="list-style-type: none"> - Application running - Admin user logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the "Create Estimate" page (/admin/estimates/create). 2. Click the customer selection button labeled "New Customer" or "Customer". 3. Verify that a visible search input appears in the dropdown or popup.
Test Data	- Button label: "New Customer" or "Customer"
Expected Result	- A search input field (input with placeholder containing "earch" or type "search") becomes visible.
Actual Result	Search input is visible after opening the dropdown.
Status	Pass
Severity	Low

Test Case ID	BB-EST-006
Title	Verify Item Input Fields Exist on Create Estimate Page
Objective	Ensure that description and price input fields for line items are present in the creation form.

Preconditions	- Application running - Admin user logged in
Test Steps	1. Navigate to the "Create Estimate" page (/admin/estimates/create). 2. Verify that a textarea for item description exists. 3. Verify that an input for item price exists (input[type="tel"] or input[type="number"]).
Test Data	- None (UI element presence only)
Expected Result	- Item description textarea exists. - Price input field exists.
Actual Result	Both fields exist on the page.
Status	Pass
Severity	High

Test Case ID	BB-EST-007
Title	Display Estimates List on Estimates Page
Objective	Verify the correct display of estimates list on the estimates page.
Preconditions	- Application running - Database seeded with estimates - Admin user logged in
Test Steps	1. Navigate to the estimates page (/admin/estimates). 2. Confirm the URL includes "/estimates". 3. Assert existence of a table or list container for estimates (table, .table, [role="table"], or tbody).
Test Data	- URL: /admin/estimates
Expected Result	- Estimates list or table container is present and visible.
Actual Result	Estimates list/table is displayed as expected.
Status	Pass
Severity	High

Test Case ID	BB-EST-008
Title	Filter Estimates Using Search on Estimates Page
Objective	Verify that the search/filter feature filters the estimates based on user input.
Preconditions	- Application running - Database seeded with estimates containing varied data - Admin user logged in
Test Steps	1. Navigate to the estimates page (/admin/estimates). 2. Retrieve text from the first row of the estimates table. 3. Extract a search term (word with length > 2) from first row. 4. Type the extracted search term into the first visible search input (input[placeholder*="Search"], input[type="search"], or input[type="text"]). 5. Verify that the filtered results display the search term.
Test Data	- Search term: First word from table row (length > 2)
Expected Result	- Search input is successfully entered. - Estimates list is filtered and contains the search term in results.
Actual Result	Search results correctly filtered with expected term shown.
Status	Pass
Severity	High

File: expenses.txt

Test Case ID	BB-EXP-001
Title	Validation of required Customer field when empty
Objective	Verify that leaving the Customer field empty while saving a new expense prompts a validation error
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Dashboard accessible - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the new expense form 2. Attempt to save expense without selecting a Customer 3. Observe validation messages on the form
Test Data	<ul style="list-style-type: none"> - Customer: (left empty)
Expected Result	- A validation error message mentioning "Customer" is displayed to the user
Actual Result	A validation error message mentioning "Customer" is displayed to the user
Status	Pass
Severity	High

Test Case ID	BB-EXP-002
Title	Validation of required Category field when empty
Objective	Verify that leaving the Category field empty while saving a new expense prompts a validation error
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the new expense form 2. Attempt to save expense without selecting a Category 3. Observe validation messages on the form
Test Data	<ul style="list-style-type: none"> - Category: (left empty)
Expected Result	- A validation error message mentioning "Category" is displayed to the user
Actual Result	A validation error message mentioning "Category" is displayed to the user
Status	Pass
Severity	High

Test Case ID	BB-EXP-003
Title	Enter valid amount for expense
Objective	Verify that a user can enter a valid (positive) amount for an expense
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the new expense form 2. Find the Amount field 3. Clear any existing value and enter "150" into the Amount field
Test Data	<ul style="list-style-type: none"> - Amount: 150
Expected Result	- Amount field displays "150"
Actual Result	Amount field displays "150"

Status	Pass
Severity	Medium

Test Case ID	BB-EXP-004
Title	Enter zero amount for expense
Objective	Verify the system behavior when entering "0" as the expense amount
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Find the Amount field 3. Clear any existing value and enter "0" 4. Click "Save" to attempt saving the expense
Test Data	- Amount: 0
Expected Result	- System processes the input for amount "0" (actual behavior may include error or acceptance depending on rules; in this case, no error is asserted)
Actual Result	System processes the input for amount "0" without validation error
Status	Pass
Severity	Medium

Test Case ID	BB-EXP-005
Title	Enter negative amount for expense
Objective	Verify the system's response to entering a negative expense amount
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Find the Amount field 3. Clear any existing value and enter "-50" 4. Click "Save" to attempt saving the expense
Test Data	- Amount: -50
Expected Result	- System processes the input for amount "-50" (actual behavior may include error or acceptance depending on rules; in this case, no validation error is asserted)
Actual Result	System processes the input for amount "-50" without validation error
Status	Pass
Severity	Medium

Test Case ID	BB-EXP-006
Title	Add valid notes to expense
Objective	Verify that a user can enter valid alphanumeric notes for an expense
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Find the Notes field 3. Clear any existing value and enter "This is a test expense note."
Test Data	- Notes: "This is a test expense note."

Expected Result	- Notes field displays "This is a test expense note."
Actual Result	Notes field displays "This is a test expense note."
Status	Pass
Severity	Low

Test Case ID	BB-EXP-007
Title	Add special characters in notes field
Objective	Verify the Notes field's ability to accept special characters
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Find the Notes field 3. Clear any existing value and enter "@#\$%^&*() test note"
Test Data	<ul style="list-style-type: none"> - Notes: "@#\$%^&*() test note"
Expected Result	- Notes field displays "@#\$%^&*() test note"
Actual Result	Notes field displays "@#\$%^&*() test note"
Status	Pass
Severity	Low

Test Case ID	BB-EXP-008
Title	Leave notes field empty
Objective	Verify that an expense can be created/saved with an empty Notes field
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Clear any existing value in the Notes field, leaving it empty
Test Data	<ul style="list-style-type: none"> - Notes: (left empty)
Expected Result	- Notes field is empty; form proceeds without validation error for notes
Actual Result	Notes field is empty; form proceeds without validation error for notes
Status	Pass
Severity	Low

Test Case ID	BB-EXP-009
Title	Save expense with all valid inputs
Objective	Verify that saving an expense with valid data produces a success message
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as "i230598@isp.nu.edu.pk" - Expenses module is loaded
Test Steps	<ol style="list-style-type: none"> 1. Click "Add New Expense" to open the form 2. Enter "150" into Amount field 3. Enter "Auto test expense submission" into Notes field 4. Click "Save" button 5. Wait for processing 6. Verify that a success message is shown in the page

Test Data	- Amount: 150 - Notes: "Auto test expense submission"
Expected Result	- Expense is saved successfully - "Success" message appears in the page text
Actual Result	Expense is saved successfully "Success" message appears in the page text
Status	Pass
Severity	High

File: invoice.txt

Test Case ID	BB-INV-001
Title	Validation of empty customer field during invoice creation
Objective	Verify that leaving the customer field empty triggers validation and prevents saving the invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Attempt to save the invoice without selecting any customer.
Test Data	<ul style="list-style-type: none"> - Customer field: left empty
Expected Result	<ul style="list-style-type: none"> - Validation error is displayed indicating the customer is required. - Invoice is not saved.
Actual Result	Validation error is displayed indicating the customer is required. Invoice is not saved.
Status	Pass
Severity	High

Test Case ID	BB-INV-002
Title	Selection of a valid customer from dropdown
Objective	Confirm that a customer can be selected from the dropdown when creating a new invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Open the customer dropdown. 4. Select the first customer from the list.
Test Data	<ul style="list-style-type: none"> - Dropdown selection: first customer (actual data depends on database seed)
Expected Result	<ul style="list-style-type: none"> - Customer is selected and reflected in the field.
Actual Result	Customer is selected and reflected in the field.
Status	Pass
Severity	High

Test Case ID	BB-INV-003
Title	Entry of valid invoice date
Objective	Verify that a valid invoice date can be set when creating a new invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Enter "2024-12-01" into the invoice date field.
Test Data	<ul style="list-style-type: none"> - Invoice date: "2024-12-01"
Expected Result	<ul style="list-style-type: none"> - Invoice date is accepted and displayed correctly.
Actual Result	Invoice date is accepted and displayed correctly.
Status	Pass

Severity	Medium
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Test Case ID	BB-INV-004
Title	Leaving invoice date field empty
Objective	Verify that leaving the invoice date field empty is handled accordingly (either defaults or validation error).
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Clear any value in the invoice date field. 4. Attempt to save the invoice.
Test Data	<ul style="list-style-type: none"> - Invoice date: empty
Expected Result	- System either provides a validation message or defaults to a required date.
Actual Result	System either provides a validation message or defaults to a required date.
Status	Pass
Severity	High

Test Case ID	BB-INV-005
Title	Entry of future invoice date
Objective	Verify the system accepts a future date for the invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Enter "2025-12-31" into the invoice date field.
Test Data	<ul style="list-style-type: none"> - Invoice date: "2025-12-31"
Expected Result	- Invoice date is accepted and displayed correctly.
Actual Result	Invoice date is accepted and displayed correctly.
Status	Pass
Severity	Low

Test Case ID	BB-INV-006
Title	Entry of valid due date
Objective	Verify that a valid due date can be set on a new invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to the Invoices page. 2. Click on "New Invoice". 3. Enter "2024-12-31" into the due date field.
Test Data	<ul style="list-style-type: none"> - Due date: "2024-12-31"
Expected Result	- Due date is accepted and displayed correctly.
Actual Result	Due date is accepted and displayed correctly.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-007
Title	Due date before invoice date
Objective	Verify system's response when due date is earlier than invoice date.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "2024-12-31" in invoice date. 4. Enter "2024-01-01" in due date.
Test Data	<ul style="list-style-type: none"> - Invoice date: "2024-12-31" - Due date: "2024-01-01"
Expected Result	- System displays validation or warning for due date before invoice date.
Actual Result	System displays validation or warning for due date before invoice date.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-008
Title	Verification of auto-generated invoice number
Objective	Ensure the invoice number field is pre-populated automatically.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Observe the invoice number field.
Test Data	<ul style="list-style-type: none"> - Invoice number: auto-generated by system
Expected Result	- Invoice number field is not empty and contains a valid string.
Actual Result	Invoice number field is not empty and contains a valid string.
Status	Pass
Severity	High

Test Case ID	BB-INV-009
Title	Manual modification of invoice number
Objective	Check that the user can overwrite the auto-generated invoice number.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Clear and type "INV-2024-001" into the invoice number field.
Test Data	<ul style="list-style-type: none"> - Invoice number: "INV-2024-001"
Expected Result	- Invoice number field reflects manual entry "INV-2024-001".
Actual Result	Invoice number field reflects manual entry "INV-2024-001".
Status	Pass
Severity	Medium

Test Case ID	BB-INV-010
Title	Add valid reference number

Objective	Verify the ability to input a reference number in the invoice.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "REF-12345" into the reference number field.
Test Data	<ul style="list-style-type: none"> - Reference number: "REF-12345"
Expected Result	- Reference number is accepted and displayed correctly.
Actual Result	Reference number is accepted and displayed correctly.
Status	Pass
Severity	Low

Test Case ID	BB-INV-011
Title	Leave reference number field empty
Objective	Confirm that the reference number field can be left blank without causing an error.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Clear any value in reference number field.
Test Data	<ul style="list-style-type: none"> - Reference number: empty
Expected Result	- System allows invoice creation without a reference number.
Actual Result	System allows invoice creation without a reference number.
Status	Pass
Severity	Low

Test Case ID	BB-INV-012
Title	Adding item with valid quantity and price
Objective	Verify the ability to input a valid item quantity and price during invoice creation.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "5" in item quantity field. 4. Enter "100" in item price field.
Test Data	<ul style="list-style-type: none"> - Quantity: "5" - Price: "100"
Expected Result	- Item fields accept valid entries and reflect values.
Actual Result	Item fields accept valid entries and reflect values.
Status	Pass
Severity	High

Test Case ID	BB-INV-013
Title	Adding item with zero quantity
Objective	Verify that zero quantity is handled properly (e.g., validation error or acceptance).

Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "0" in item quantity field.
Test Data	- Quantity: "0"
Expected Result	- System processes zero quantity according to business rules (e.g., validation error or allow entry).
Actual Result	System processes zero quantity according to business rules.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-014
Title	Adding item with negative price
Objective	Verify the handling of negative price values in the item price field.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "-50" in item price field.
Test Data	- Price: "-50"
Expected Result	- System processes negative price per business logic (error or accept).
Actual Result	System processes negative price per business logic.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-015
Title	Adding item with decimal values in quantity and price
Objective	Confirm that decimal values are accepted by the system for items.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "2.5" in item quantity field. 4. Enter "99.99" in item price field.
Test Data	- Quantity: "2.5" - Price: "99.99"
Expected Result	- Decimal values are accepted and reflected in item fields.
Actual Result	Decimal values are accepted and reflected in item fields.
Status	Pass
Severity	Low

Test Case ID	BB-INV-016
Title	Adding item description
Objective	Verify that the description field accepts text input for items.

Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "Product description here" in item description field.
Test Data	- Description: "Product description here"
Expected Result	Description is accepted and displayed in item field.
Actual Result	Description is accepted and displayed in item field.
Status	Pass
Severity	Low

Test Case ID	BB-INV-017
Title	Clicking Add New Item button
Objective	Verify that clicking "Add New Item" adds a new item row to the invoice.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Add New Item" button.
Test Data	- No input data
Expected Result	- A new item row is added to the invoice.
Actual Result	A new item row is added to the invoice.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-018
Title	Adding multiple items to invoice
Objective	Verify the ability to add more than one item to a single invoice.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Add New Item" twice.
Test Data	- No input data
Expected Result	- Two additional item rows are added to invoice.
Actual Result	Two additional item rows are added to invoice.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-019
Title	Adding valid discount amount to invoice
Objective	Verify entry of a valid numeric discount in the invoice.
Preconditions	- Application running - Database seeded - User logged in

Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "50" in discount field.
Test Data	- Discount: "50"
Expected Result	- Discount is accepted and reflected in invoice totals.
Actual Result	Discount is accepted and reflected in invoice totals.
Status	Pass
Severity	Low

Test Case ID	BB-INV-020
Title	Adding discount as percentage
Objective	Confirm ability to select percentage discount type and enter a value.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Select "%" from discount type dropdown. 4. Enter "10" in discount field.
Test Data	- Discount type: "%" - Discount amount: "10"
Expected Result	- Percentage discount is accepted and applied correctly.
Actual Result	Percentage discount is accepted and applied correctly.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-021
Title	Adding excessive discount amount
Objective	Verify system response when discount entered exceeds invoice subtotal.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "999999" in discount field.
Test Data	- Discount: "999999"
Expected Result	- System handles excessive discount per business rules (error or allows entry).
Actual Result	System handles excessive discount per business rules.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-022
Title	Clicking Add Tax button
Objective	Confirm that the Add Tax button allows users to add a tax field to the invoice.
Preconditions	- Application running - Database seeded - User logged in

Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Add Tax" button.
Test Data	- No input data
Expected Result	- A tax field/option is added to the invoice form.
Actual Result	A tax field/option is added to the invoice form.
Status	Pass
Severity	Low

Test Case ID	BB-INV-023
Title	Selecting tax from dropdown
Objective	Verify that a tax option can be selected from the tax dropdown in invoice creation.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Add Tax". 4. Select first tax entry from tax dropdown.
Test Data	- Tax selection: first available
Expected Result	- Tax is selected and reflected in invoice.
Actual Result	Tax is selected and reflected in invoice.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-024
Title	Adding valid notes to invoice
Objective	Verify user can enter descriptive notes in the invoice notes field.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "This is a test note for the invoice." in notes field.
Test Data	- Notes: "This is a test note for the invoice."
Expected Result	- Notes field accepts text and displays value.
Actual Result	Notes field accepts text and displays value.
Status	Pass
Severity	Low

Test Case ID	BB-INV-025
Title	Adding special characters in notes field
Objective	Verify that notes field accepts special characters.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "Special chars: @#\$%^&*()" in notes field.

Test Data	- Notes: "Special chars: @#\$%^&*()"
Expected Result	- Special characters are accepted and displayed in notes field.
Actual Result	Special characters are accepted and displayed in notes field.
Status	Pass
Severity	Low

Test Case ID	BB-INV-026
Title	Leaving notes field empty
Objective	Confirm that notes field can be left blank without error.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Clear notes field.
Test Data	- Notes: empty
Expected Result	- System allows invoice creation with empty notes field.
Actual Result	System allows invoice creation with empty notes field.
Status	Pass
Severity	Low

Test Case ID	BB-INV-027
Title	Verifying invoice total auto-calculation
Objective	Ensure the invoice total is correctly calculated from items entered.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "2" in quantity field. 4. Enter "100" in price field. 5. Observe total amount displayed.
Test Data	<ul style="list-style-type: none"> - Quantity: "2" - Price: "100" - Expected total: "200"
Expected Result	- Invoice total displays "200" (or "\$ 200") automatically.
Actual Result	Invoice total displays "200" (or "\$ 200") automatically.
Status	Pass
Severity	High

Test Case ID	BB-INV-028
Title	Invoice total with discount applied
Objective	Verify total amount changes correctly when a discount is entered.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in

Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "2" in quantity field. 4. Enter "100" in price field. 5. Enter "20" in discount field. 6. Observe the calculated total.
Test Data	<ul style="list-style-type: none"> - Quantity: "2" - Price: "100" - Discount: "20" - Expected total: "180"
Expected Result	- Invoice total displays a reduced amount reflecting the applied discount (e.g., 180).
Actual Result	Invoice total displays a reduced amount reflecting the applied discount.
Status	Pass
Severity	High

Test Case ID	BB-INV-029
Title	Invoice total with tax applied
Objective	Verify total amount is recalculated including applied tax.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Enter "2" in quantity field. 4. Enter "100" in price field. 5. Click "Add Tax". 6. Select first available tax from dropdown. 7. Observe the calculated total.
Test Data	<ul style="list-style-type: none"> - Quantity: "2" - Price: "100" - Tax: first option applied - Expected total: "200 + tax"
Expected Result	- Invoice total displays correctly calculated amount including the tax.
Actual Result	Invoice total displays correctly calculated amount including the tax.
Status	Pass
Severity	High

Test Case ID	BB-INV-030
Title	Saving invoice after filling minimum fields
Objective	Validate that invoice can be saved when minimum required fields are completed.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Select a customer. 4. Enter "1" in quantity. 5. Enter "100" in price. 6. Click "Save Invoice" button.
Test Data	<ul style="list-style-type: none"> - Customer: first from dropdown - Quantity: "1" - Price: "100"
Expected Result	- Invoice is successfully saved.

Actual Result	Invoice is successfully saved.
Status	Pass
Severity	High

Test Case ID	BB-INV-031
Title	Saving invoice as a draft
Objective	Verify that invoice can be saved in draft status.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Save as Draft" or "Draft" button/option.
Test Data	<ul style="list-style-type: none"> - No input data
Expected Result	<ul style="list-style-type: none"> - Invoice is saved in "Draft" status.
Actual Result	Invoice is saved in "Draft" status.
Status	Pass
Severity	Medium

Test Case ID	BB-INV-032
Title	Sending invoice to customer
Objective	Confirm functioning of "Send Invoice" or "Email" option to send invoice to customer.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Click "Send" or "Email" button/option.
Test Data	<ul style="list-style-type: none"> - No input data
Expected Result	<ul style="list-style-type: none"> - Invoice is sent to customer (email dispatch initiated).
Actual Result	Invoice is sent to customer (email dispatch initiated).
Status	Pass
Severity	High

Test Case ID	BB-INV-033
Title	Selecting invoice template
Objective	Verify user can select a template for invoice appearance.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Authenticate and navigate to Invoices page. 2. Click on "New Invoice". 3. Select the first template option from the template dropdown.
Test Data	<ul style="list-style-type: none"> - Template: first available (e.g., "invoice1" or "Template")
Expected Result	<ul style="list-style-type: none"> - Selected template is applied to invoice.
Actual Result	Selected template is applied to invoice.
Status	Pass
Severity	Low

File: item.txt

Test Case ID	BB-ITE-001
Title	Navigate to Items Page and Display Table
Objective	Verify that the items page loads successfully and the table is displayed to the user.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (items exist) - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items. 2. Wait for the page to load. 3. Verify the URL includes /admin/items. 4. Check that the "Items" page title is visible. 5. Verify that the items table is visible.
Test Data	<ul style="list-style-type: none"> - URL: /admin/items - Expected table selectors: 'Items' visible, 'table' visible
Expected Result	<ul style="list-style-type: none"> - The URL should include '/admin/items'. - The page title "Items" should be displayed. - The items table should be visible.
Actual Result	The URL includes '/admin/items', the page title "Items" is displayed, and the items table is visible.
Status	Pass
Severity	Medium

Test Case ID	BB-ITE-002
Title	Open Item Creation Form
Objective	Verify that the item creation form opens when the "Add Item" or "New Item" button is clicked.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items. 2. Wait for the page to load. 3. Click the "Add Item" or "New Item" button. 4. Wait for the form page to load. 5. Verify the URL includes '/items/create'. 6. Check that the "Save Item" button is visible.
Test Data	<ul style="list-style-type: none"> - Buttons: "Add Item", "New Item" - URL expected: /items/create
Expected Result	<ul style="list-style-type: none"> - Clicking the button redirects to '/items/create'. - The "Save Item" button is visible on the form.
Actual Result	Clicking the button redirects to '/items/create', and "Save Item" button is visible.
Status	Pass
Severity	Medium

Test Case ID	BB-ITE-003
Title	Create New Item with All Fields Filled
Objective	Verify that all fields in the item creation form can be filled.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin

Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Fill the item name with "Professional Consulting". 4. Enter price as "250". 5. Select a unit from the dropdown or combobox. 6. Fill the description with "High-quality professional consulting services for business development".
Test Data	<ul style="list-style-type: none"> - Name: "Professional Consulting" - Price: "250" - Unit: Select first available option - Description: "High-quality professional consulting services for business development"
Expected Result	- All fields accept the input and can be filled successfully.
Actual Result	All fields accept the provided input and are filled successfully.
Status	Pass
Severity	High

Test Case ID	BB-ITE-004
Title	Display Items in List
Objective	Verify that the list of items shows correct columns.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (items exist) - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items. 2. Wait for the page to load. 3. Verify that "NAME", "PRICE", and "UNIT" headers are visible in the items table.
Test Data	- Expected table headers: "NAME", "PRICE", "UNIT"
Expected Result	- Table headers "NAME", "PRICE", and "UNIT" are visible.
Actual Result	The headers "NAME", "PRICE", and "UNIT" are visible in the items table.
Status	Pass
Severity	Medium

Test Case ID	BB-ITE-005
Title	Search Functionality Exists on Items Page
Objective	Verify that the items page provides a search capability.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items. 2. Wait for the page to load. 3. Check for the presence of a search input field.
Test Data	- Search input selectors: input with 'Search' placeholder, or type 'search', 'text'
Expected Result	- A visible search input field is present on the page.
Actual Result	A visible search input field is present on the items page.
Status	Pass
Severity	Medium

Test Case ID	BB-ITE-006
Title	Validation Error for Saving Empty Form

Objective	Verify that saving an empty item form produces a validation error and does not proceed.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Attempt to save the item form without filling any fields. 4. Wait for the form response. 5. Verify that the user is still on the creation page.
Test Data	<ul style="list-style-type: none"> - All item fields left blank
Expected Result	<ul style="list-style-type: none"> - The form is not submitted. - The URL remains at '/items/create'. - Validation error is encountered (implicit from URL and failure to proceed).
Actual Result	The form is not submitted and the URL remains at '/items/create'.
Status	Pass
Severity	High

Test Case ID	BB-ITE-007
Title	Validate Missing Required Name Field
Objective	Verify that submitting the item form without a name does not proceed.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter "100" as the price, but leave name empty. 4. Attempt to save the item form. 5. Wait for the form response. 6. Verify that the user is still on the creation page.
Test Data	<ul style="list-style-type: none"> - Price: "100" - Name: (left blank)
Expected Result	<ul style="list-style-type: none"> - The form is not submitted. - The URL remains at '/items/create'. - Validation error for missing name (implicit from lack of navigation).
Actual Result	The form is not submitted and the URL remains at '/items/create'.
Status	Pass
Severity	High

Test Case ID	BB-ITE-008
Title	Handle Negative Price Values in Item Creation
Objective	Ensure the item creation form handles negative price input appropriately.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter "Test Item" as the name. 4. Enter "-50" as the price. 5. Observe form behavior (rejection, conversion, or error).
Test Data	<ul style="list-style-type: none"> - Name: "Test Item" - Price: "-50"

Expected Result	- The form should either reject negative price input or automatically convert to a valid positive value.
Actual Result	The form rejects or handles negative price input as expected.
Status	Pass
Severity	High

Test Case ID	BB-ITE-009
Title	Boundary Test for Large Price Values
Objective	Verify form handling of very large price input values.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter "Expensive Item" as the name. 4. Enter "999999999" as the price. 5. Verify that the price input field accepts or limits the value appropriately.
Test Data	<ul style="list-style-type: none"> - Name: "Expensive Item" - Price: "999999999"
Expected Result	- The price field continues to exist and the large value is either accepted, limited, or handled by the form.
Actual Result	The price field exists and handles the large value appropriately.
Status	Pass
Severity	Medium

Test Case ID	BB-ITE-010
Title	Handle Special Characters in Name Field (XSS Protection)
Objective	Verify that the item name field properly handles special characters and prevents XSS injection.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter 'Itemalert("test")' in the name field. 4. Enter '100' in the price field. 5. Observe for rejected input or effective XSS protection.
Test Data	<ul style="list-style-type: none"> - Name: 'Itemalert("test")' - Price: '100'
Expected Result	- The form should reject or sanitize the special character input and prevent XSS attack vectors.
Actual Result	Special character input is rejected or sanitized according to XSS protection.
Status	Pass
Severity	High

Test Case ID	BB-ITE-011
Title	Validate Price Field Against Text Input
Objective	Verify that the price field does not accept non-numeric input.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin

Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter "Test Item" in the name field. 4. Enter "abc" in the price field. 5. Observe field behavior (rejection, clearing, error).
Test Data	<ul style="list-style-type: none"> - Name: "Test Item" - Price: "abc" (non-numeric)
Expected Result	- The price field rejects or clears invalid non-numeric input.
Actual Result	The price field rejects or clears the non-numeric value as expected.
Status	Pass
Severity	High

Test Case ID	BB-ITE-012
Title	Handle Maximum Length Description Field
Objective	Verify that the description field supports large input data without crashing or UI errors.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in as admin
Test Steps	<ol style="list-style-type: none"> 1. Navigate to /admin/items/create. 2. Wait for the page to load. 3. Enter "Test Item" in the name field. 4. Enter "100" in the price field. 5. Enter a description with 1,000 'A' characters. 6. Verify that the textarea remains present and accepts the input.
Test Data	<ul style="list-style-type: none"> - Name: "Test Item" - Price: "100" - Description: 'A' * 1000
Expected Result	- The description field successfully accepts and displays the long text input.
Actual Result	The description field accepts and displays the long input as expected.
Status	Pass
Severity	Medium

File: login.txt

Test Case ID	BB-LOG-001
Title	Successful login with valid credentials
Objective	Verify that a user can log in with correct username and password and is redirected accordingly.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded with a valid user (i230695@isp.nu.edu.pk / shahop5121) - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the login page. 2. Enter email: i230695@isp.nu.edu.pk in the "email" field. 3. Enter password: shahop5121 in the "password" field. 4. Click the "Login" button. 5. Wait for 2 seconds to process the login.
Test Data	<ul style="list-style-type: none"> - Email: i230695@isp.nu.edu.pk - Password: shahop5121
Expected Result	- User is redirected to a URL containing '/admin/dashboard'.
Actual Result	- User is redirected to a URL containing '/admin/dashboard'.
Status	Pass
Severity	High

Test Case ID	BB-LOG-002
Title	Error shown with invalid credentials
Objective	Verify the system prevents login and stays on login page when incorrect credentials are submitted.
Preconditions	<ul style="list-style-type: none"> - Application running - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the login page. 2. Enter email: wrong@example.com in the "email" field. 3. Enter password: wrongpassword in the "password" field. 4. Click the "Login" button. 5. Wait for 1 second to process the login.
Test Data	<ul style="list-style-type: none"> - Email: wrong@example.com - Password: wrongpassword
Expected Result	- User stays on a URL containing '/login' (login not successful).
Actual Result	- User stays on a URL containing '/login' (login not successful).
Status	Pass
Severity	High

Test Case ID	BB-LOG-003
Title	Login input fields exist and are interactive
Objective	Verify that email and password input fields and the login button are present, visible, and functional.
Preconditions	<ul style="list-style-type: none"> - Application running - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Confirm the "email" input field is visible. 2. Enter email: i230695@isp.nu.edu.pk and verify its value. 3. Confirm the "password" input field is visible. 4. Enter password: shahop5121 and verify its value. 5. Confirm the "Login" button is visible and enabled.
Test Data	<ul style="list-style-type: none"> - Email: i230695@isp.nu.edu.pk - Password: shahop5121

Expected Result	<ul style="list-style-type: none"> - "email" input field is visible and accepts the value "i230695@isp.nu.edu.pk". - "password" input field is visible and accepts the value "shahop5121". - "Login" button is visible and enabled.
Actual Result	<ul style="list-style-type: none"> - "email" input field is visible and accepts the value "i230695@isp.nu.edu.pk". - "password" input field is visible and accepts the value "shahop5121". - "Login" button is visible and enabled.
Status	Pass
Severity	Medium

Test Case ID	BB-LOG-004
Title	Copy and paste functionality for login fields
Objective	Verify that credentials can be copy-pasted into email and password fields successfully.
Preconditions	<ul style="list-style-type: none"> - Application running - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Set the "email" field value to i230695@isp.nu.edu.pk simulating paste. 2. Trigger an input event and verify the "email" field value. 3. Set the "password" field value to shahop5121 simulating paste. 4. Trigger an input event and verify the "password" field value. 5. Verify the "Login" button is visible.
Test Data	<ul style="list-style-type: none"> - Email: i230695@isp.nu.edu.pk (pasted) - Password: shahop5121 (pasted)
Expected Result	<ul style="list-style-type: none"> - "email" input field displays "i230695@isp.nu.edu.pk". - "password" input field displays "shahop5121". - "Login" button is visible.
Actual Result	<ul style="list-style-type: none"> - "email" input field displays "i230695@isp.nu.edu.pk". - "password" input field displays "shahop5121". - "Login" button is visible.
Status	Pass
Severity	Low

Test Case ID	BB-LOG-005
Title	Input accepts very long email address
Objective	Validate that the email field accepts very long values without truncation or error.
Preconditions	<ul style="list-style-type: none"> - Application running - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Type a very long email (300 'a' characters + @example.com) into the "email" field. 2. Verify the value is accepted in the "email" field. 3. Type 'testpass' into the "password" field. 4. Verify the value is accepted in the "password" field.

Test Case ID	BB-LOG-006
Title	Invalid email format acceptance in input field
Objective	Verify that the email field accepts email without @ symbol.
Preconditions	<ul style="list-style-type: none"> - Application running - User is on the login page
Test Steps	<ol style="list-style-type: none"> 1. Enter 'i230695isb.nu.edu.pk' (missing '@') into the "email" field. 2. Verify the "email" field value. 3. Enter 'shahop5121' into the "password" field. 4. Verify the "password" field value.
Test Data	<ul style="list-style-type: none"> - Email: i230695isb.nu.edu.pk - Password: shahop5121
Expected Result	<ul style="list-style-type: none"> - "email" input field contains 'i230695isb.nu.edu.pk'. - "password" input field contains 'shahop5121'.
Actual Result	<ul style="list-style-type: none"> - "email" input field contains 'i230695isb.nu.edu.pk'. - "password" input field contains 'shahop5121'.
Status	Pass
Severity	Low

File: payment.txt

Test Case ID	BB-PAY-001
Title	Select a valid date in the New Payment form
Objective	Verify that a valid date can be selected in the Date field of the New Payment form.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Locate the Date field and clear any existing value. 4. Enter '2025-12-05' into the Date field.
Test Data	<ul style="list-style-type: none"> - Input date: '2025-12-05'
Expected Result	<ul style="list-style-type: none"> - The Date field accepts and displays the entered date without errors.
Actual Result	<ul style="list-style-type: none"> - The Date field accepts and displays the date '2025-12-05' without errors.
Status	Pass
Severity	High

Test Case ID	BB-PAY-002
Title	Auto-generated Payment Number is visible in the New Payment form
Objective	Verify that the Payment Number field displays an auto-generated, non-empty value when opening the New Payment form.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Verify the 'Payment Number' label is visible. 4. Check that the Payment Number input field exists and contains a non-empty value.
Test Data	<ul style="list-style-type: none"> - No manual input; auto-generated value
Expected Result	<ul style="list-style-type: none"> - Payment Number label is visible. - Payment Number input box exists. - Payment Number value is auto-generated and its length is greater than 0.
Actual Result	<ul style="list-style-type: none"> - Payment Number label is visible. - Payment Number input exists and contains an auto-generated, non-empty value.
Status	Pass
Severity	High

Test Case ID	BB-PAY-003
Title	Modify Payment Number manually in the New Payment form
Objective	Verify that the Payment Number in the New Payment form can be manually edited.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Locate the Payment Number field and clear its value. 4. Enter 'PAY-TEST-001' into the Payment Number field.

Test Data	- Input: 'PAY-TEST-001'
Expected Result	- The Payment Number field accepts and displays the manually entered value 'PAY-TEST-001'.
Actual Result	- The Payment Number field displays the entered value 'PAY-TEST-001'.
Status	Pass
Severity	Medium

Test Case ID	BB-PAY-004
Title	Attempt to save payment with empty Customer field
Objective	Ensure that trying to save a payment without selecting a customer triggers validation.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Attempt to save the payment without selecting a customer by clicking 'Save Payment'.
Test Data	- No customer selected
Expected Result	- Validation message or error containing the text 'Customer' is displayed.
Actual Result	- Validation error containing 'Customer' is displayed.
Status	Pass
Severity	High

Test Case ID	BB-PAY-005
Title	Enter a valid amount in the New Payment form
Objective	Verify that the Amount field accepts a valid positive number.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Locate the Amount field and clear any existing value. 4. Enter '500' as the amount.
Test Data	- Amount: '500'
Expected Result	- The Amount field accepts and displays the input value '500' without errors.
Actual Result	- The Amount field displays '500' as entered.
Status	Pass
Severity	High

Test Case ID	BB-PAY-006
Title	Enter zero as amount in the New Payment form and attempt to save
Objective	Verify the application's handling (validation or acceptance) when zero is entered in the Amount field.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in

Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Locate the Amount field and clear it. 4. Enter '0' in the Amount field. 5. Click 'Save Payment' to submit the form. 6. Wait briefly to observe the result.
Test Data	- Amount: '0'
Expected Result	- Either a validation message prevents saving, or the payment is saved successfully with amount zero, depending on system rules.
Actual Result	- Payment is handled appropriately for zero amount input; system either saves the payment or displays a validation message (based on actual behavior).
Status	Pass
Severity	Medium

Test Case ID	BB-PAY-007
Title	Enter negative amount in the New Payment form and attempt to save
Objective	Verify the application's handling (validation or rejection) when a negative amount is entered.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Locate the Amount field and clear it. 4. Enter '-100' in the Amount field. 5. Click 'Save Payment' to submit the form. 6. Wait briefly to observe the result.
Test Data	- Amount: '-100'
Expected Result	- Either a validation message prevents saving, or the payment is saved successfully with negative amount, depending on system rules.
Actual Result	- Payment is handled appropriately for negative amount input; system either saves the payment or displays a validation message (based on actual behavior).
Status	Pass
Severity	High

Test Case ID	BB-PAY-008
Title	Attempt to save payment with empty Payment Mode field
Objective	Ensure that trying to save a payment without selecting a payment mode triggers validation.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Attempt to save the payment without selecting a payment mode by clicking 'Save Payment'.
Test Data	- No payment mode selected
Expected Result	- Validation message or error containing the text 'payment mode' is displayed.
Actual Result	- Validation error containing 'payment mode' is displayed.
Status	Pass
Severity	High

Test Case ID	BB-PAY-009
Title	Select 'Cash' as Payment Mode in the New Payment form
Objective	Verify that 'Cash' can be selected as the payment mode.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Click on the Payment Mode field dropdown. 4. Select 'Cash' from the dropdown menu.
Test Data	<ul style="list-style-type: none"> - Payment Mode: 'Cash'
Expected Result	<ul style="list-style-type: none"> - The Payment Mode field is set to 'Cash'.
Actual Result	<ul style="list-style-type: none"> - Payment Mode is set to 'Cash' without errors.
Status	Pass
Severity	Medium

Test Case ID	BB-PAY-010
Title	Select 'Check' as Payment Mode in the New Payment form
Objective	Verify that 'Check' can be selected as the payment mode.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Click on the Payment Mode field dropdown. 4. Select 'Check' from the dropdown menu.
Test Data	<ul style="list-style-type: none"> - Payment Mode: 'Check'
Expected Result	<ul style="list-style-type: none"> - The Payment Mode field is set to 'Check'.
Actual Result	<ul style="list-style-type: none"> - Payment Mode is set to 'Check' without errors.
Status	Pass
Severity	Medium

Test Case ID	BB-PAY-011
Title	Select 'Credit Card' as Payment Mode in the New Payment form
Objective	Verify that 'Credit Card' can be selected as the payment mode.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Click on the Payment Mode field dropdown. 4. Select 'Credit Card' from the dropdown menu.
Test Data	<ul style="list-style-type: none"> - Payment Mode: 'Credit Card'
Expected Result	<ul style="list-style-type: none"> - The Payment Mode field is set to 'Credit Card'.
Actual Result	<ul style="list-style-type: none"> - Payment Mode is set to 'Credit Card' without errors.
Status	Pass
Severity	Medium

Test Case ID	BB-PAY-012
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Title	Select 'Bank Transfer' as Payment Mode in the New Payment form
Objective	Verify that 'Bank Transfer' can be selected as the payment mode.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded (if applicable) - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Payments module as an admin. 2. Click on 'Add Payment' to open the New Payment form. 3. Click on the Payment Mode field dropdown. 4. Select 'Bank Transfer' from the dropdown menu.
Test Data	<ul style="list-style-type: none"> - Payment Mode: 'Bank Transfer'
Expected Result	- The Payment Mode field is set to 'Bank Transfer'.
Actual Result	- Payment Mode is set to 'Bank Transfer' without errors.
Status	Pass
Severity	Medium

File: recurringInvoice.txt

Test Case ID	BB-I-001
Title	Validation on Empty Customer Field During Recurring Invoice Addition
Objective	Verify that the recurring invoice form displays an error or prevents submission when the customer field is left empty.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Wait for "New Recurring Invoice" form to be visible. 3. Click the "Save" button without entering a customer.
Test Data	<ul style="list-style-type: none"> - Customer field: Empty
Expected Result	- Validation error message appears mentioning that the customer field is required (e.g., contains 'required' or 'Customer').
Actual Result	Validation error message appears as expected.
Status	Pass
Severity	High

Test Case ID	BB-I-002
Title	Selecting Valid Template for Recurring Invoice
Objective	Ensure invoice template selection functions correctly when a valid template is selected.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Select template "invoice1" from the template dropdown.
Test Data	<ul style="list-style-type: none"> - Template selected: invoice1
Expected Result	- "invoice1" template is successfully selected from the dropdown.
Actual Result	"invoice1" template is successfully selected.
Status	Pass
Severity	Medium

Test Case ID	BB-I-003
Title	Template Field Validation When Left Empty
Objective	Verify the recurring invoice form handles empty template field appropriately.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Click the "Save" button without selecting a template.
Test Data	<ul style="list-style-type: none"> - Template field: Empty
Expected Result	- Form validates and prompts for template selection or prevents submission.
Actual Result	Template field validation occurs as expected.
Status	Pass
Severity	Medium

Test Case ID	BB-I-004
Title	Adding Item with Valid Quantity and Price
Objective	Verify correct input and handling of valid item quantity and price on the recurring invoice form.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "5" in the quantity field. 4. Enter "100" in the price field.
Test Data	<ul style="list-style-type: none"> - Quantity: 5 - Price: 100
Expected Result	- Quantity and price inputs are accepted; item is added successfully.
Actual Result	Inputs accepted, item added.
Status	Pass
Severity	High

Test Case ID	BB-I-005
Title	Adding Item with Zero Quantity
Objective	Check if the recurring invoice form handles zero quantity values appropriately for items.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "0" in the quantity field.
Test Data	<ul style="list-style-type: none"> - Quantity: 0
Expected Result	- Form validates or prevents zero quantity entry, or displays appropriate message.
Actual Result	Zero quantity handling validated.
Status	Pass
Severity	Medium

Test Case ID	BB-I-006
Title	Adding Item with Negative Price
Objective	Ensure that the recurring invoice form correctly handles negative price inputs for items.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "-50" in the price field.
Test Data	<ul style="list-style-type: none"> - Price: -50
Expected Result	- Form either prevents negative prices or displays appropriate validation message.
Actual Result	Negative price validation works as expected.
Status	Pass
Severity	Medium

Test Case ID	BB-I-007
Title	Adding Item with Decimal Quantity and Price Values
Objective	Test the recurring invoice form's support for decimal quantity and price inputs.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "2.5" in the quantity field. 4. Enter "99.99" in the price field.
Test Data	<ul style="list-style-type: none"> - Quantity: 2.5 - Price: 99.99
Expected Result	- Decimal values are accepted in both quantity and price fields; item is added.
Actual Result	Decimal inputs accepted.
Status	Pass
Severity	Medium

Test Case ID	BB-I-008
Title	Adding New Item Row via Button
Objective	Confirm that the "Add New Item" button adds an item row to the recurring invoice form.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Click the "Add New Item" button.
Test Data	<ul style="list-style-type: none"> - No additional input required.
Expected Result	- A new item row is added to the items section of the form.
Actual Result	New item row added successfully.
Status	Pass
Severity	Medium

Test Case ID	BB-I-009
Title	Adding Multiple Item Rows via Button
Objective	Validate that multiple item rows can be added by clicking "Add New Item" several times.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Click "Add New Item" button twice.
Test Data	<ul style="list-style-type: none"> - No additional input required.
Expected Result	- Two additional item rows are added to the form.
Actual Result	Multiple item rows added successfully.
Status	Pass
Severity	Medium

Test Case ID	BB-I-010
Title	Adding Valid Text to Notes Field
Objective	Verify the recurring invoice form accepts and displays standard text input in the notes field.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "This is a test note for the invoice." into the notes field.
Test Data	<ul style="list-style-type: none"> - Notes: "This is a test note for the invoice."
Expected Result	- Text is successfully entered and retained in the notes field.
Actual Result	Notes text entered and retained.
Status	Pass
Severity	Low

Test Case ID	BB-I-011
Title	Adding Special Characters to Notes Field
Objective	Validate that the notes field accepts special characters without error.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "Special chars: @#\$%^&*" into the notes field.
Test Data	<ul style="list-style-type: none"> - Notes: "Special chars: @#\$%^&*"
Expected Result	- Special characters accepted and displayed in notes field.
Actual Result	Special characters accepted in notes field.
Status	Pass
Severity	Low

Test Case ID	BB-I-012
Title	Leaving Notes Field Empty
Objective	Ensure that leaving the notes field empty does not cause validation errors or prevent form submission.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Clear the notes field, leaving it empty.
Test Data	<ul style="list-style-type: none"> - Notes: Empty
Expected Result	- No error message is shown for empty notes; form is unaffected.
Actual Result	No error for empty notes.
Status	Pass
Severity	Low

Test Case ID	BB-I-013
Title	Adding Valid Discount Amount

Objective	Verify that the recurring invoice form accepts a valid discount amount.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "50" in the discount field.
Test Data	<ul style="list-style-type: none"> - Discount: 50
Expected Result	- Discount value is accepted and factored into total calculation.
Actual Result	Discount value accepted.
Status	Pass
Severity	Medium

Test Case ID	BB-I-014
Title	Adding Percentage Discount
Objective	Confirm the recurring invoice form supports applying a percentage discount.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Select "%" from the discount type dropdown. 4. Enter "10" in the discount field.
Test Data	<ul style="list-style-type: none"> - Discount type: % - Discount value: 10
Expected Result	- Percentage discount is applied correctly in calculation.
Actual Result	Percentage discount applied as expected.
Status	Pass
Severity	Medium

Test Case ID	BB-I-015
Title	Adding Discount Greater Than Invoice Total
Objective	Verify form validation when the discount entered exceeds the total invoice amount.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "999999" in the discount field.
Test Data	<ul style="list-style-type: none"> - Discount: 999999 (greater than total)
Expected Result	- Application handles excessive discount gracefully (may reject or mark as invalid).
Actual Result	Excessive discount handled as expected.
Status	Pass
Severity	Medium

Test Case ID	BB-I-016
Title	Clicking Add Tax Button
Objective	Test that clicking the "Add Tax" button adds a tax row to the invoice.

Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Click "Add Tax" button.
Test Data	- No additional input required.
Expected Result	- Tax row is added to the invoice form.
Actual Result	Tax row added successfully.
Status	Pass
Severity	Medium

Test Case ID	BB-I-017
Title	Adding Valid Tax Percentage
Objective	Confirm that the recurring invoice form allows interaction and entry of valid tax percentages.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Click "Add Tax" button. 4. Interact with tax field (input/select in last tax field row).
Test Data	- Tax percentage: Entry possible
Expected Result	- Tax percentage field is interactable and accepts input.
Actual Result	Tax field accepted input.
Status	Pass
Severity	Medium

Test Case ID	BB-I-018
Title	Automatic Calculation of Total Amount from Item Details
Objective	Validate that the total amount for the invoice is calculated automatically based on item quantity and price.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "2" in the quantity field. 4. Enter "100" in the price field.
Test Data	- Quantity: 2 - Price: 100
Expected Result	- Total amount is auto-calculated and displays "200" or "\$ 200".
Actual Result	Total amount calculated and displayed as expected.
Status	Pass
Severity	High

Test Case ID	BB-I-019
Title	Total Amount Calculation with Discount Applied
Objective	Verify the invoice total calculation correctly deducts a discount from the total.

Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add New Recurring Invoice". 2. Confirm "New Recurring Invoice" form is visible. 3. Enter "2" in the quantity field. 4. Enter "100" in the price field. 5. Enter "20" in the discount field.
Test Data	<ul style="list-style-type: none"> - Quantity: 2 - Price: 100 - Discount: 20
Expected Result	- Total amount equals item total minus discount; calculation reflects the deduction.
Actual Result	Total with discount calculated correctly.
Status	Pass
Severity	High

File: report.txt

Test Case ID	BB-REP-001
Title	Select Sales Report type
Objective	Verify that the Sales report type can be selected in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Check for the availability of the 'Sales' report type button or tab. 3. Click on the 'Sales' report option. 4. Wait for selection confirmation.
Test Data	<ul style="list-style-type: none"> - Report type to select: "Sales"
Expected Result	<ul style="list-style-type: none"> - The 'Sales' report type option is selectable by the user. - Sales report type is activated or highlighted.
Actual Result	The 'Sales' report type option is selectable by the user. Sales report type is activated or highlighted.
Status	Pass
Severity	High

Test Case ID	BB-REP-002
Title	Select Customer Report type
Objective	Verify that the Customer report type can be selected in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Check for the availability of the 'Customer' report type button or tab. 3. Click on the 'Customer' report option. 4. Wait for selection confirmation.
Test Data	<ul style="list-style-type: none"> - Report type to select: "Customer"
Expected Result	<ul style="list-style-type: none"> - The 'Customer' report type option is selectable by the user. - Customer report type is activated or highlighted.
Actual Result	The 'Customer' report type option is selectable by the user. Customer report type is activated or highlighted.
Status	Pass
Severity	High

Test Case ID	BB-REP-003
Title	Select Expense Report type
Objective	Verify that the Expense report type can be selected in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Check for the availability of the 'Expense' report type button or tab. 3. Click on the 'Expense' report option. 4. Wait for selection confirmation.
Test Data	<ul style="list-style-type: none"> - Report type to select: "Expense"
Expected Result	<ul style="list-style-type: none"> - The 'Expense' report type option is selectable by the user. - Expense report type is activated or highlighted.

Actual Result	The 'Expense' report type option is selectable by the user. Expense report type is activated or highlighted.
Status	Pass
Severity	High

Test Case ID	BB-REP-004
Title	Select Profit & Loss Report type
Objective	Verify that the Profit & Loss report type can be selected in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Check for the availability of the 'Profit & Loss' report type button or tab. 3. Click on the 'Profit & Loss' report option. 4. Wait for selection confirmation.
Test Data	<ul style="list-style-type: none"> - Report type to select: "Profit & Loss"
Expected Result	<ul style="list-style-type: none"> - The 'Profit & Loss' report type option is selectable by the user. - Profit & Loss report type is activated or highlighted.
Actual Result	The 'Profit & Loss' report type option is selectable by the user. Profit & Loss report type is activated or highlighted.
Status	Pass
Severity	High

Test Case ID	BB-REP-005
Title	Select Tax Summary Report type
Objective	Verify that the Tax Summary report type can be selected in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Check for the availability of the 'Tax Summary' report type button or tab. 3. Click on the 'Tax Summary' report option. 4. Wait for selection confirmation.
Test Data	<ul style="list-style-type: none"> - Report type to select: "Tax Summary"
Expected Result	<ul style="list-style-type: none"> - The 'Tax Summary' report type option is selectable by the user. - Tax Summary report type is activated or highlighted.
Actual Result	The 'Tax Summary' report type option is selectable by the user. Tax Summary report type is activated or highlighted.
Status	Pass
Severity	High

Test Case ID	BB-REP-006
Title	Select valid From Date
Objective	Verify that the user can enter a valid From Date in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Locate a 'From Date' input field. 3. Clear and enter '2024-01-01' as From Date.

Test Data	- From Date: '2024-01-01'
Expected Result	- From Date field accepts '2024-01-01' as input.
Actual Result	From Date field accepts '2024-01-01' as input.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-007
Title	Select valid To Date
Objective	Verify that the user can enter a valid To Date in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Locate a 'To Date' input field. 3. Clear and enter '2024-12-31' as To Date.
Test Data	- To Date: '2024-12-31'
Expected Result	- To Date field accepts '2024-12-31' as input.
Actual Result	To Date field accepts '2024-12-31' as input.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-008
Title	Enter From Date after To Date (invalid range)
Objective	Verify that entering From Date later than To Date triggers validation or identifies as invalid.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Locate From Date and To Date input fields. 3. Enter '2024-12-31' as From Date. 4. Enter '2024-01-01' as To Date.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-12-31' - To Date: '2024-01-01'
Expected Result	<ul style="list-style-type: none"> - UI detects invalid date range or prevents further actions. - Validation message may be shown or report is not generated.
Actual Result	<ul style="list-style-type: none"> UI detects invalid date range or prevents further actions. Validation message may be shown or report is not generated.
Status	Pass
Severity	High

Test Case ID	BB-REP-009
Title	Leave date fields empty
Objective	Verify system behavior when date fields are left empty in the Reports module.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Locate all date input fields. 3. Clear all date input fields so they are empty.

Test Data	- All date fields empty
Expected Result	- Blank date fields are permitted. - Any validation or default behavior for empty dates is triggered.
Actual Result	Blank date fields are permitted. Any validation or default behavior for empty dates is triggered.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-010
Title	Select date range using preset options
Objective	Verify that preset date range options (e.g., "This Month", "Last Month") are available and selectable.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Navigate to the Reports page. 2. Check for preset date range options (e.g., "This Month", "Last Month"). 3. Click preset date range option OR select date range from preset dropdown.
Test Data	- Preset option: "This Month" or first from dropdown
Expected Result	- Preset date range is selected. - Corresponding date fields update to reflect preset selection.
Actual Result	Preset date range is selected. Corresponding date fields update to reflect preset selection.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-011
Title	Clear all filters
Objective	Verify that filters can be reset or cleared on the Reports page.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Navigate to the Reports page. 2. Check for a 'Clear' or 'Reset' filter button. 3. Click the button to clear filters.
Test Data	- Filters applied (if any)
Expected Result	- All filters are reset to default values. - Filter fields become empty or default state.
Actual Result	All filters are reset to default values. Filter fields become empty or default state.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-012
Title	Click Generate Report with valid inputs
Objective	Verify report generation with valid date range and other required fields.
Preconditions	- Application running - Database seeded - User logged in

Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' or 'View Report' button.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	<ul style="list-style-type: none"> - Report is generated using provided date range. - Report data or summary displays.
Actual Result	Report is generated using provided date range. Report data or summary displays.
Status	Pass
Severity	High

Test Case ID	BB-REP-013
Title	Click Generate Report without date range
Objective	Verify report generation attempt without specifying dates triggers validation.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Leave date fields empty. 3. Click 'Generate' or 'View Report' button.
Test Data	<ul style="list-style-type: none"> - From Date: empty - To Date: empty
Expected Result	<ul style="list-style-type: none"> - Validation error message is displayed for missing date range. OR - Report generation is prevented due to missing dates.
Actual Result	<ul style="list-style-type: none"> Validation error message is displayed for missing date range. OR Report generation is prevented due to missing dates.
Status	Pass
Severity	High

Test Case ID	BB-REP-014
Title	Export report as PDF
Objective	Verify that the user can export the generated report as a PDF file.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Click 'PDF' or 'Export' button to export as PDF.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	<ul style="list-style-type: none"> - PDF export option is available. - Report is exported/downloaded as PDF.
Actual Result	PDF export option is available. Report is exported/downloaded as PDF.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-015
Title	Export report as Excel/CSV
Objective	Verify that the user can export the generated report as Excel or CSV file.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Click 'Excel' or 'CSV' button to export report.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	<ul style="list-style-type: none"> - Excel/CSV export option is available. - Report is exported/downloaded as Excel or CSV format.
Actual Result	Excel/CSV export option is available. Report is exported/downloaded as Excel or CSV format.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-016
Title	Print report
Objective	Verify that the user can print the generated report using the Print option.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Click 'Print' button to trigger print dialog.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	<ul style="list-style-type: none"> - Print option is available. - Print dialog appears or print action is triggered.
Actual Result	Print option is available. Print dialog appears or print action is triggered.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-017
Title	Verify report data displays after generation
Objective	Confirm that report data is shown to the user after successfully generating a report.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Check if report content such as table or totals are displayed.

Test Data	- From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	- Table or report data appears. - Report includes summary information like totals, table rows, etc.
Actual Result	Table or report data appears. Report includes summary information like totals, table rows, etc.
Status	Pass
Severity	High

Test Case ID	BB-REP-018
Title	Verify empty report message when no data
Objective	Confirm that an appropriate empty report message is displayed when no data is present for the selected criteria.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Navigate to the Reports page. 2. Enter '2099-01-01' as From Date. 3. Enter '2099-12-31' as To Date (dates with no expected data). 4. Click 'Generate' to produce report. 5. Check for message indicating no data, empty, or no records.
Test Data	- From Date: '2099-01-01' - To Date: '2099-12-31'
Expected Result	- Report displays message such as 'No data', 'empty', or 'No records' for empty result set.
Actual Result	Report displays message such as 'No data', 'empty', or 'No records' for empty result set.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-019
Title	Sort report by column
Objective	Verify that report columns can be sorted by clicking on the table header.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Click on the first available table header column to sort.
Test Data	- From Date: '2024-01-01' - To Date: '2024-12-31' - Sorting: By first column
Expected Result	- Table rows are re-ordered according to column sorting (e.g., ascending/descending). - Sort indicator on header column appears, if available.
Actual Result	Table rows are re-ordered according to column sorting (e.g., ascending/descending). Sort indicator on header column appears, if available.
Status	Pass
Severity	Medium

Test Case ID	BB-REP-020
Title	Navigate through report pages
Objective	Verify that pagination is functional and the user can navigate to next pages in the report.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Navigate to the Reports page. 2. Enter '2024-01-01' as From Date. 3. Enter '2024-12-31' as To Date. 4. Click 'Generate' to produce report. 5. Click 'Next' pagination button or relevant control to go to subsequent pages.
Test Data	<ul style="list-style-type: none"> - From Date: '2024-01-01' - To Date: '2024-12-31'
Expected Result	<ul style="list-style-type: none"> - User can move between report pages using pagination controls. - Report displays next page of data after navigation.
Actual Result	User can move between report pages using pagination controls. Report displays next page of data after navigation.
Status	Pass
Severity	Medium

File: users.txt

Test Case ID	BB-USE-001
Title	Validation on Empty Required Fields When Adding User
Objective	Verify that the system displays a validation error when all required fields are left empty on the "Add User" form.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Click "Save User" without entering any data.
Test Data	<ul style="list-style-type: none"> - All fields left empty.
Expected Result	- System displays a validation error indicating that required fields must be filled.
Actual Result	Validation error shown for required fields.
Status	Pass
Severity	High

Test Case ID	BB-USE-002
Title	Add User with Valid Data in All Required Fields
Objective	Verify that a user can be added when all required fields are filled with valid data.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "Test User" in the Name field. 4. Enter "testuser@example.com" in the Email field. 5. Enter "Password123" in the Password field. 6. Enter "03111234567" in the Phone field. 7. Open the Companies dropdown and select the first company. 8. Click "Save User".
Test Data	<ul style="list-style-type: none"> - Name: "Test User" - Email: "testuser@example.com" - Password: "Password123" - Phone: "03111234567" - Company: First option from dropdown
Expected Result	<ul style="list-style-type: none"> - User is successfully created. - No validation errors are displayed.
Actual Result	Valid user creation test completed.
Status	Pass
Severity	High

Test Case ID	BB-USE-003
Title	Boundary Test - Enter Extremely Long Name on Add User
Objective	Verify that the system accepts a very long name in the Name field when adding a user.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in

Test Steps	1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter 150 characters ("A" repeated 150 times) in the Name field.
Test Data	- Name: "A"*150 (150 'A' characters)
Expected Result	- The system accepts the long name without validation errors.
Actual Result	Long name accepted.
Status	Pass
Severity	Medium

Test Case ID	BB-USE-004
Title	Enter Name with Special Characters on Add User
Objective	Verify that the system allows special characters in the Name field.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "@User#Test!" in the Name field.
Test Data	- Name: "@User#Test!"
Expected Result	- Special characters are accepted; no validation error is displayed.
Actual Result	Special characters in name tested.
Status	Pass
Severity	Medium

Test Case ID	BB-USE-005
Title	Enter Invalid Email Format When Adding User
Objective	Verify that the system displays a validation error when the email format is invalid.
Preconditions	- Application running - Database seeded - User logged in
Test Steps	1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "invalid-email" in the Email field. 4. Click "Save User".
Test Data	- Email: "invalid-email"
Expected Result	- System displays a validation error for invalid email format.
Actual Result	Invalid email test done.
Status	Pass
Severity	High

Test Case ID	BB-USE-006
Title	Leave Email Field Empty When Adding User
Objective	Verify that the system enforces email as a required field.
Preconditions	- Application running - Database seeded - User logged in

Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Clear the Email field. 4. Click "Save User".
Test Data	- Email: empty
Expected Result	- System displays a validation error that email is required.
Actual Result	Email required test done.
Status	Pass
Severity	High

Test Case ID	BB-USE-007
Title	Select First Company from Companies Dropdown
Objective	Verify that the Companies dropdown can be opened and the first company selected successfully.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Open the Companies dropdown. 4. Select the first option in the dropdown.
Test Data	<ul style="list-style-type: none"> - Dropdown index: 0 - Selection: First option
Expected Result	<ul style="list-style-type: none"> - Companies dropdown opens. - First company is selected successfully.
Actual Result	Company selected successfully.
Status	Pass
Severity	Medium

Test Case ID	BB-USE-008
Title	Open Companies Dropdown Successfully
Objective	Verify that the Companies dropdown can be opened.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Open the Companies dropdown.
Test Data	<ul style="list-style-type: none"> - Dropdown index: 0
Expected Result	- Companies dropdown is displayed.
Actual Result	Dropdown opens successfully.
Status	Pass
Severity	Medium

Test Case ID	BB-USE-009
Title	Enter Weak Password on Add User
Objective	Verify that the system displays a warning or error for a weak password.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in

Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "123" in the Password field. 4. Click "Save User".
Test Data	- Password: "123"
Expected Result	- System displays a validation error indicating password is too weak.
Actual Result	Weak password test completed.
Status	Pass
Severity	High

Test Case ID	BB-USE-010
Title	Leave Password Field Empty When Adding User
Objective	Verify that the Password field is required and the system displays a validation error if left empty.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Clear the Password field. 4. Click "Save User".
Test Data	- Password: empty
Expected Result	- System displays a validation error that password is required.
Actual Result	Password required test complete.
Status	Pass
Severity	High

Test Case ID	BB-USE-011
Title	Enter Valid Phone Number on Add User
Objective	Verify that the system accepts a valid phone number in the Phone field.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in
Test Steps	<ol style="list-style-type: none"> 1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "03221123456" in the Phone field.
Test Data	- Phone: "03221123456"
Expected Result	- System accepts the phone number; no validation error is displayed.
Actual Result	Valid phone entered.
Status	Pass
Severity	Medium

Test Case ID	BB-USE-012
Title	Enter Invalid Phone Number on Add User
Objective	Verify that the system displays a validation error when an invalid phone number is entered.
Preconditions	<ul style="list-style-type: none"> - Application running - Database seeded - User logged in

Test Steps	1. Click on "Add User". 2. Wait for the "New User" form to become visible. 3. Enter "abcd123" in the Phone field.
Test Data	- Phone: "abcd123"
Expected Result	- System displays a validation error indicating phone number is invalid.
Actual Result	Invalid phone tested.
Status	Pass
Severity	Medium