

EZShop App

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Actors:

- Cashier
- Manager
- User (in this context, “User” includes both roles: Cashier and Manager)
- Email service
- Supplier
- Payment service

Use Case Brief

Uc name	Goal	Description
Register	Create the first Manager account	<p>Main actor: Manager</p> <p>A new shop manager can create the first Manager account directly from the login screen. The system validates the provided information and sends a confirmation email to complete the account creation. After the first registration is completed, the "Register" option is permanently removed from the login screen and will no longer be available, ensuring that only one initial Manager account can be created.</p>
Login	Authenticate users and grant role-based access	<p>Main actor: Cashier / Manager</p> <p>Verifies user credentials, applies role-based permissions (Manager/Cashier), and redirects to the appropriate dashboard.</p>
Forgot Password	Recover access	<p>Main actor: Cashier / Manager</p> <p>Allows a user (Manager or Cashier) to request a password reset when they forget their credentials. The system verifies the request and sends a reset link to the user's registered email to create a new password.</p>
POS – New Sale	purchase and payment	<p>Main actor: Cashier / Manager</p> <p>The cashier searches products, adds items to the sale, chooses payment method (cash or card), completes the sale, inventory is updated and a receipt is stored.</p>
Show Receipts History	Consult past sales	<p>Main actor: Cashier / Manager</p> <p>Allow the user to view and inspect past sales receipts.</p>
Submit Daily Report	Report end-of-day counted cash & notes	<p>Main actor: Cashier / Manager</p> <p>Cashier (or Manager acting as Cashier) reports the counted cash and submits it for approval at the end of the day.</p>
Inventory Management (Display list of all products with stock quantity and unit price)	View product list, stock levels, and prices	<p>Main actor: Manager</p> <p>The Manager views the list of products with their prices and stock levels, and can create new products if needed.</p>
Manage Supplier Orders	Manage supplier orders by viewing products and their order details, creating new orders, and updating order status.	<p>Main actor: Manager</p> <p>The Manager views the list of products with their order ID, quantity, and current status, can update the status (Pending / Received / Canceled), and can create new supplier orders.</p>

(Reports – Cash Overview)	Display the expected cash in drawer, card totals, and total sales for the current day.	<p>Main actor: Cashier / Manager</p> <p>View the daily cash summary, including expected cash in drawer, card sales total, and total sales for the day.</p>
Daily Closing Review	Approve or reject the daily closing.	<p>Main actor: Manager</p> <p>The manager inspects the submitted daily report (cashier name, expected cash, counted cash, difference), and confirms the closing or asks for clarification.</p>
Manage users (Display all users' details/ Create / Edit / Reset Passwords / Disable Accounts)	View all users' details, create accounts, edit information, reset passwords, and enable/disable accounts.	<p>Main actor: Manager</p> <p>Allows a manager to oversee and control all user accounts. This includes displaying a list of users with their name, email, role, and status; creating new user accounts (Cashier or Manager); editing user information (name, email, role); resetting passwords; and enabling or disabling accounts as needed (e.g., when an employee leaves).</p>
Switch to Cashier Mode	Manager operates as cashier	<p>Main actor: Manager</p> <p>From Manager Dashboard, open Cashier Dashboard (switch to cashier mode)</p>

Functional Requirements (Functions Table)

ID	Description
FR1 – Forgot Password	<p>1.1 Opens <i>Forgot Password page</i></p> <p>1.2 Redirects to Login page</p>
FR2 – Manage users (Manager only)	<p>2.1 Display list of all users with name, email, role and status</p> <p>2.2 Add a new user account (Open Add User Form)</p> <ul style="list-style-type: none"> - Full Name - Email / Username - Password - Confirm Password - Role (Dropdown: Cashier / Manager) <p>2.3 Stores new account (Submit New User Form)</p> <p>2.4 Load edit form (name, email, role)</p> <p>2.5 Load reset password form</p> <p>2.6 Changes account activation status (e.g. when an employee leaves)</p> <p>2.7 Stores modifications</p> <p>2.8 <i>Show</i> “Database/system error” message</p>
FR3 – Manage inventory	<p>3.1 Display list of all products with stock quantity and unit price</p> <p>3.2 updates the stock quantity.</p>
FR4 – Manage supplier orders	<p>4.1 Display list of supplier orders with orderId, product, quantity, status</p> <p>4.2 Loads New order page (Open New Order Form, Displays an empty form for entering order details (product, quantity, supplier))</p> <p>4.3 Saves order (Stores order with status = Pending)</p> <p>4.4 Displays status options (Pending → Received → Canceled)</p> <p>4.5 Stores order with status = Canceled</p> <p>4.6 Stores order with status = Received</p>
FR5 – Process sales (POS – Point of Sale)	<p>5.1 View the POS (New Sale) page</p> <p>5.2 Search product (Retrieves list of matching products)</p> <p>5.3 Add product to the current sale</p> <p>5.4 Remove products in the current sale</p> <p>5.5 Validates payment method</p> <p>5.6 Processes transaction & confirms result</p> <p>5.7 Complete the sale (Saves receipt + updates inventory)</p>

	<p>5.8 Automatically update the daily cash and total after each sale</p> <p>5.9 Automatically update the daily card and total after each sale</p> <p>5.10 Automatically update the daily cash, card, and totals after each sale</p> <p>5.11 Display the failure message</p>
FR6 – Manage receipts (sales history)	6.1 Display list of receipts with ID, date, amount, payment type (for the current day or selected date)
FR7 – Submit daily report	<p>7.1 Opens “Submit daily report” page</p> <p>7.2 Validates numeric format</p> <p>7.3 Validates notes</p> <p>7.4 Saves the report with status = Pending</p> <p>7.5 Displays the message containing the date and time of the previous submission.</p>
FR8 – Review and confirm daily closing (Manager)	<p>8.1 Display details of a single daily report:</p> <ul style="list-style-type: none"> – submitted by – counted cash – expected cash – difference and notes <p>8.2 Confirm daily closing and store the closing record</p> <p>8.3 Notifies Cashier if rejection or clarification</p> <p>8.4 Rejects daily closing</p>
FR9 – View reports (cash overview & history)	<p>9.1 Display a cash overview report for the current day (expected cash, card sales, total sales)</p> <p>9.2 Display the message: “Cannot display the page due to internet or server error.”</p>
FR10 – Switch to Cashier Mode (for Manager)	10.1 Display the Cashier dashboard

FR11 – Register (Create the first Manager account)	<div>11.1 Opens registration form</div> <div>11.2 Validates fields</div> <div>11.3 Sends confirmation email</div> <div>11.4 Stores new Manager account</div> <div>11.5 Removes the Register option</div> <div>11.6 Show “Email already registered” message</div> <div>11.7 Display the “Information incomplete or invalid” message</div> <div>11.8 Display “Email delivery failure” message with reason</div>
FR12 – Login (authenticate and authorize user)	<div>12.1 Opens Login form</div> <div>12.2 Validates input format</div> <div>12.3 Checks credentials against database</div> <div>12.4 Redirects to respective dashboard</div> <div>12.5 Stores secure session token</div> <div>12.6 Display the “Incorrect email or password” message</div> <div>12.7 Show the “your account is disabled” message</div> <div>12.8 View "Login temporarily unavailable — try again later"</div>

Use Cases, scenarios

UC1 Register

Nominal scenario

- **R1** — Manager enters registration information and creates the first account successfully.

Variants

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Exceptions

- **R2** —Email already registered
- **R3** —Information incomplete or invalid
- **R4** —Email delivery failure (email does not exist or internet issues)

Scenario R1

Preconditions

- No Manager account exists in system
- Accessed from login screen

Postconditions

- First Manager account created
- The "Register" option is removed from the login screen.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks "Create first account"	Opens registration form	11.1
Enters required information	Validates fields	11.2
Clicks "Submit registration"	Sends confirmation email	11.3
—	Stores new Manager account	11.4
—	Removes the Register option	11.5

Scenario R2

Preconditions

- No Manager account exists in system
- Accessed from login screen

Postconditions

- The “Email already registered” message is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Create first account”	Opens registration form	11.1
Enters required information	Validates fields	11.2
Clicks “Submit registration”	Show “Email already registered” message	11.6

Scenario R3

Preconditions

- No Manager account exists in system
- Accessed from login screen

Postconditions

- The “Information incomplete or invalid” message is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Create first account”	Opens registration form	11.1
Enters required information	Validates fields	11.2
	Displays the “Information incomplete or invalid” message	11.7

Scenario R4

Preconditions

- No Manager account exists in system
- Accessed from login screen

Postconditions

- The “Email delivery failure” message with its reason is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Create first account”	Opens registration form	11.1
Enters required information	Validates fields	11.2
Clicks “Submit registration”	Show “Email delivery failure” message with its reason	11.8

UC2 Login

Nominal scenario

- **L1** — User enters correct email and password and is granted access to dashboard

Variants

- **L2** — User enters correct username and password and is granted access to dashboard

Exceptions

- **L3** — Incorrect email or password
- **L4** — Account disabled
- **L5** — System/authentication error

Scenario L1

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Successful login grants access to dashboard based on role
- Session token generated

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Login form	12.1
Enters email and password	Validates input format	12.2
Clicks Login	Checks credentials against database	12.3
—	Redirects to respective dashboard	12.4
—	<i>Stores secure session token</i>	12.5

Scenario L2

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Successful login grants access to dashboard based on role
- Session token generated

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Login form	12.1
Enters email and password	Validates input format	12.2
Clicks Login	Checks credentials against database	12.3
—	Redirects to respective dashboard	12.4
—	Stores secure session token	12.5

Scenario L3

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Unsuccessful login does not grant access to the dashboard.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Login form	12.1
Enters email and password	Validates input format	12.2
Clicks Login	Checks credentials against database	12.3
—	Display the “Incorrect email or password” message	12.6

Scenario L4

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Unsuccessful login does not grant access to the dashboard.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Login form	12.1
Enters email and password	Validates input format	12.2
Clicks Login	Checks credentials against database	12.3
—	Display the “your account is disabled” message	12.7

Scenario L5

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Unsuccessful login does not grant access to the dashboard.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Login form	12.1
Enters email and password	Validates input format	12.2
Clicks Login	Checks credentials against database	12.3
—	Displays "Login temporarily unavailable — try again later"	12.8

UC3 Forgot Password

Nominal scenario

- **F1** — User requests password reset and successfully changes password through email link.

Variants

Exceptions

- **F2** — Email delivery failure (email does not exist or registered or internet issues)
- **F3** — Account disabled

Scenario F1

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Password changed successfully

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens <i>Forgot Password</i> page	Shows <i>Forgot Password</i> form	1.1
Enters email and password	Validates input format	12.2
Clicks Reset Password button	Sends confirmation email	11.3
—	Redirects to Login page	1.2

Scenario F2

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- The “Email delivery failure” message with its reason is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens <i>Forgot Password</i> page	Shows <i>Forgot Password</i> form	1.1
Enters email and password	Validates input format	12.2
Clicks Reset Password button	Show “Email delivery failure” message with its reason	11.8

Scenario F3

Preconditions

- User has a valid account in the system
- Account not disabled
- Device connected to the internet/server

Postconditions

- Password change unsuccessful
- Account disabled

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens login page	Shows Forgot Password form	1.1
Enters email and password	Validates input format	12.2
Clicks Reset Password button	Display the “your account is disabled” message	12.7

UC4 Process sales (POS – Point of Sale)

Nominal scenario

- **PS1** — Cashier searches products, adds items to sale, selects payment method and completes the sale.

Variants

- **PS2** — Manager performs the sale instead of Cashier
- **PS3** — Payment by cash
- **PS4** — Payment by card

Exceptions

- **PS5** — Payment failed (transaction declined)
- **PS6** — Internet/server connection lost

Scenario PS1

Preconditions

- Cashier is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- The sale has been completed by the Cashier.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the POS (New Sale) page	5.1
Searches for product	Retrieves list of matching products	5.2
Adds item to sale	Add product to the current sale	5.3
Changes quantity / removes item	Remove products in the current sale	5.4
Selects payment type	Validates payment method	5.5
Submits payment	Processes transaction	5.6
Completes sale	Complete the sale (Saves receipt + updates inventory)	5.7
	Automatically update the daily cash, card, and totals after each sale	5.10

Scenario PS2

Preconditions

- Manager is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- The sale has been completed by the Manager.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the POS (New Sale) page	5.1
Searches for product	Retrieves list of matching products	5.2
Adds item to sale	Add product to the current sale	5.3
Changes quantity / removes item	Remove products in the current sale	5.4
Selects payment type	Validates payment method	5.5
Submits payment	Processes transaction	5.6
Completes sale	Complete the sale (Saves receipt + updates inventory)	5.7
	Automatically update the daily cash, card, and totals after each sale	5.10

Scenario PS3

Preconditions

- User is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- The sale has been completed by the User.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the POS (New Sale) page	5.1
Searches for product	Retrieves list of matching products	5.2
Adds item to sale	Add product to the current sale	5.3
Changes quantity / removes item	Remove products in the current sale	5.4
Selects payment type	Validates payment method	5.5
Completes sale	Complete the sale (Saves receipt + updates inventory)	5.7
	Automatically update the daily cash and total after each sale	5.8

Scenario PS4

Preconditions

- User is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- The sale has been completed by the User.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the POS (New Sale) page	5.1
Searches for product	Retrieves list of matching products	5.2
Adds item to sale	Add product to the current sale	5.3
Changes quantity / removes item	Remove products in the current sale	5.4
Selects payment type	Validates payment method	5.5
Submits payment	Processes transaction	5.6
Completes sale	Complete the sale (Saves receipt + updates inventory)	5.7
	Automatically update the daily card and total after each sale	5.9

Scenario PS5

Preconditions

- User is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- The failure message has been displayed.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the POS (New Sale) page	5.1
Searches for product	Retrieves list of matching products	5.2
Adds item to sale	Add product to the current sale	5.3
Changes quantity / removes item	Remove products in the current sale	5.4
Selects payment type	Validates payment method	5.5
Submits payment	Processes transaction	5.6
	Shows failure (Payment failed)	5.11

Scenario PS6

Preconditions

- User is logged in
- POS page is reachable
- Inventory data is accessible
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “POS (New Sale)” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC5 Receipts History

Nominal scenario

- **RH1** — Display list of receipts with ID, date, amount, payment type (for the current day or selected date)

Variants

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Exceptions

- **RH2** — Internet/server connection lost

Scenario RH1

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the Receipts History page

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Receipts History” button	Display the Receipts History page	16.1

Scenario RH2

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Receipts History” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC6 Reports – Cash Overview

Nominal scenario

- **CO1** — Display the current totals for cash and card transactions for the day, along with the combined total

Variants

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Exceptions

- **CO2** — Internet/server connection lost

Scenario CO1

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the View Cash in Drawer page

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “View Cash in Drawer” button	Display the View Cash in Drawer page	9.1

Scenario CO2

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “View Cash in Drawer” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC7 Submit daily cash report

Nominal scenario

- **SC1** — Cashier enters counted cash and notes and submits daily report

Variants

- **SC2** — Manager enters counted cash and notes and submits daily report

Exceptions

- **SC3** — Duplicate report already submitted for today
- **SC4** — Internet/server connection lost

Scenario SC1

Preconditions

- Cashier is logged in
- System has calculated expected cash (from sales)
- Device connected to the internet/server

Postconditions

- Daily report stored with status = “Pending review”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Submit Daily Report” button	Display the Submit Daily Report page	7.1
Enters counted cash	Validates numeric format	7.2
Enters optional notes	Validates notes	7.3
Clicks Submit	Saves decision and status	7.4

Scenario SC2

Preconditions

- Manager is logged in
- System has calculated expected cash (from sales)
- Device connected to the internet/server

Postconditions

- Daily report stored with status = “Pending review”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Submit Daily Report” button	Display the Submit Daily Report page	7.1
Enters counted cash	Validates numeric format	7.2
Enters optional notes	Validates notes	7.3
Clicks Submit	Saves decision and status	7.4

Scenario SC3

Preconditions

- Manager is logged in
- System has calculated expected cash (from sales)
- Device connected to the internet/server

Postconditions

- Displays the message containing the date and time of the previous submission.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Submit Daily Report” button	Displays the message containing the date and time of the previous submission.	7.5

Scenario SC4

Preconditions

- User is logged in
- System has calculated expected cash (from sales)
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Submit Daily Report” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC8 Manage inventory

Nominal scenario

- **MI1** — Manager views the product list with current stock and prices

Variants

- **MI2** — Manager creates a new supplier order

Exceptions

- **MI3** — Internet/server connection lost

Scenario MI1

Preconditions

- Manager is logged in
- Device connected to the internet/server
- Product inventory exists in system

Postconditions

- Display the Manage inventory page

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Manage inventory” button	Display the Manage inventory page	3.1

Scenario MI2

Preconditions

- Manager is logged in
- Device connected to the internet/server
- Product inventory exists in system

Postconditions

- Display the Manage inventory page
- A new supplier order has been successfully created.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Manage inventory” button	Display the Manage inventory page	3.1
Clicks “Create New Order”	Loads “New Order” page	4.2
Clicks “Add Order”	Stores order with status = Pending	4.3

Scenario MI3

Preconditions

- Manager is logged in
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Receipts History” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC9 Manage supplier orders

Nominal scenario

- **SO1** — Manager views the list of supplier orders with orderId, product, quantity, status

Variants

- **SO2** — Manager creates a new supplier order
- **SO3** — Manager updates status of a supplier order (Canceled)
- **SO4** — The Manager updates the status of a supplier order to “Received,” and then the system updates the stock quantity.

Exceptions

- **SO5** — Internet/server connection lost

Scenario SO1

Preconditions

- Manager is logged in
- Device connected to the internet/server

Postconditions

- Display the “supplier orders” page

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “supplier orders” button	Display the supplier orders page	4.1

Scenario SO2

Preconditions

- Manager is logged in
- Device connected to the internet/server
- Display the “supplier orders” page

Postconditions

- Display the “supplier orders” page
- *A new supplier order has been successfully created.*

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “supplier orders” button	Display the supplier orders page	4.1
Clicks “Create New Order” button	Loads “New Order” page	4.2
Clicks “Add Order”	Stores order with status = Pending	4.3

Scenario SO3

Preconditions

- Manager is logged in
- Device connected to the internet/server
- Display the “supplier orders” page

Postconditions

- The status of the supplier order has been successfully changed to “Canceled”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “supplier orders” button	Display the supplier orders page	4.1
Clicks “Change Status” button	Displays status options	4.4
Clicks “Canceled”	Stores order with status = Canceled	4.5

Scenario S04

Preconditions

- Manager is logged in
- Device connected to the internet/server
- Display the “supplier orders” page

Postconditions

- The status of the supplier order has been successfully changed to “Received ”
- The stock quantity has been successfully updated.

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “supplier orders” button	Display the supplier orders page	4.1
Clicks “Change Status” button	Displays status options	4.4
Clicks “ <i>Received</i> ”	Stores order with status = <i>Received</i>	4.6
	updates the stock quantity	3.2

Scenario S05

Preconditions

- Manager is logged in
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “supplier orders” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC10 Review and confirm daily closing (Manager)

Nominal scenario

- **DC1** — Manager reviews daily report, confirms correctness, and closes the day

Variants

- **DC2** — Manager rejects the report and returns it to Cashier for correction

Exceptions

- **DC3** — No report submitted for today
- **DC4** — Internet/server connection lost

Scenario DC1

Preconditions

- Manager is logged in
- Daily report status = Pending review
- Device connected to the internet/server

Postconditions

- Daily status becomes Closed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Daily Closing Review” button	Display the Daily Closing Review page	8.1
Confirms report	Saves decision and status	8.2

Scenario DC2

Preconditions

- Manager is logged in
- Daily report status = Pending review
- Device connected to the internet/server

Postconditions

- Daily status becomes Rejected
- Cashier notified in case of rejection or clarification request

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Daily Closing Review” button	Display the Daily Closing Review page	8.1
Confirms report	Saves decision and status	8.2
	Notifies Cashier	8.3

Scenario DC3

Preconditions

- Manager is logged in
- Daily report status = Pending review
- Device connected to the internet/server

Postconditions

- The daily report status has no value (NULL).
- Cashier notified in case of clarification request

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Daily Closing Review” button	Display the Daily Closing Review page	8.1
Rejects report	Saves decision and status	8.4
	Notifies Cashier	8.3

Scenario DC4

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Daily Closing Review” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

UC11 Manage users

Nominal scenario

- **MU1** — The Manager can view all users' details.

Variants

- **MU2** — Manager creates a new account
- **MU3** — Manager edits an existing account
- **MU4** — Manager resets a user password
- **MU5** — Manager disables an existing account
- **MU6** — Manager re-enables a previously disabled account

Exceptions

- **MU7** — Username or email already exists
- **MU8** — Database/system error during save
- **MU9** — Internet/server connection lost
- **MU10** — Email delivery failure (email does not exist)

Scenario MU1

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1

Scenario MU2

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Loads user creation form
- Manager creates a new account

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Create New User”	Loads user creation form	2.2
Clicks Save	Stores new account	2.3

Scenario MU3

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Loads edit form
- Save modifications

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Edit user” button	Loads edit form	2.4
Clicks Save	Stores modifications	2.7

Scenario MU4

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Loads reset password form
- Save modifications

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “reset password” button	Loads reset password form	2.5
Clicks Save	Stores modifications	2.7

Scenario MU5

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Changes account activation status(Disable)

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Disable” button	Changes account activation status(Disable)	2.6

Scenario MU6

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Changes account activation status(Enable)

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Enable” button	Changes account activation status (Enable)	2.6

Scenario MU7

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Displays add user form
- The “Email already registered” message is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Create New User”	Loads user creation form	2.2
Clicks “Create User” button	Show “Email already registered” message	11.6

Scenario MU8

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Displays add user form
- The “Database/system error” message is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Create New User”	Loads user creation form	2.2
Clicks “Create User” button	Show “Database/system error” message	2.8

Scenario MU9

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “manage user” button	Display the message: “Cannot display the page due to internet or server error.”	9.2

Scenario MU10

Preconditions

- Manager is logged in
- User management page is accessible
- Device connected to the internet/server

Postconditions

- Displays list of user accounts
- Displays add user form
- The “Email delivery failure” message with its reason is displayed

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Opens “Manage users” page	Displays list of user accounts	2.1
Clicks “Create New User”	Loads user creation form	2.2
Clicks “Create User” button	Show “Email delivery failure” message with its reason	11.8

UC12 Switch to Cashier Mode

Nominal scenario

- **CM1** — Manager clicks “Switch to Cashier Mode” and is redirected to Cashier dashboard

Variants

Exceptions

- **CM2** — Internet/server connection lost

Scenario CM1

Preconditions

- The manager is logged in.
- Device connected to the internet/server

Postconditions

- Manager enters Cashier dashboard

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Switch to Cashier mode” button	Display the Cashier dashboard	10.1

Scenario CM2

Preconditions

- The user is logged in.
- Device connected to the internet/server

Postconditions

- Display the message: “Cannot display the page due to internet or server error.”

Scenario Steps + Mapping to FR

Actor: Manager	System	FR needed
Clicks “Switch to Cashier Mode” button	Display the message: “Cannot display the page due to internet or server error.”	9.2