Restaurant Manager Assistant

Technical Manual

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# Overview

This document describes in detail, how the Restaurant Manager Assistant functions.

# System Requirements

* Microsoft® Windows® 8, 10, 11.
* Eclipse IDE for Enterprise Java and Web Developers - 2022-06

# 3. Assumptions

* It was assumed that Eclipse has already been installed and the Restaurant Management Assistant project has been imported as described in the Install Document.

# 4. Navigation

* To assist in navigating this document, Headers have been made for each major role of the program.
  1. Ex. ‘Server’ header for appropriate Server Javadoc and UML documents.

# 5. Customers

## JavaDoc

## UML

# 6. Servers

## JavaDoc

### showCustInfo

* @GetMapping("/serverviewcustinfo/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showCustInfo(@PathVariable("id")
* [Customers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Customers.html) orderCust,

org.springframework.ui.Model model)

**Parameters:**

id - ID of Customer corresponding to order

orderCust - Customer

model -

**Returns:**

server-cust-view. Shows selected customer information based on their email that we Query the Repository for.

* **deleteOrder**
* @GetMapping("/deleteorder/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteOrder(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Order

model -

**Returns:**

servingstaffview. Updates selected order status to "Completed" from "Paid".

### showServerView

@GetMapping("/servingstaffview") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showServerView(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

Serving staff home view

## UML



# 7. Restaurant Managers

## JavaDoc

### showInventoryView

@RequestMapping("/manager-inventory-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showInventoryView(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-inventory-view. Shows the Inventory page of the current Managers assigned Restaurant

### showRestViewShipping

@RequestMapping("/manager-shipment-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showRestViewShipping(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-shipment-view. Shows all shipments for Restaurant Location from logged in Manager.

### localManShowUserList

@RequestMapping("/manager-cust-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManShowUserList(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-cust-view. Shows the list of all customers to Local Manager.

### localManShowUpdateCustForm

* @GetMapping("/localmanagercustedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManShowUpdateCustForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-customer. Shows the selected Customers profile information for Local Manager to change.

### localManShowUpdateInventoryForm

* @GetMapping("/managerinventoryedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManShowUpdateInventoryForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-inventory. Shows the selected restaurant

### localManUpdateInventory

* @PostMapping("/managerinventoryupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManUpdateInventory(@PathVariable("id")
* long id,
* @Validated
* [Inventory](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Inventory.html) inventory,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

inventory -

result -

model -

**Returns:**

manager-inventory-view. Shows the Local Managers inventory view. Saves updated Inventory item into repository.

### localManUpdateCust

* @PostMapping("/localmanagercustupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManUpdateCust(@PathVariable("id")
* long id,
* @Validated
* [Customers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Customers.html) customer,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

customer -

result -

model -

**Returns:**

update-customer. Updates entered customer information from Local Manager. Validates email does not already exist.

### localManDeleteCust

* @GetMapping("/localmanagercustdelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManDeleteCust(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

redirect to manager page list of customers

### localManShowMenu

@RequestMapping("/manager-menu-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManShowMenu(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-menu-view. Menu page with manager authorities and ability to edit menu manually

### localManShowServers

@RequestMapping("/manager-server-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManShowServers(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-server-view. View list of servers

### showLocalManUpdateServerForm

* @GetMapping("/localmanagerserveredit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showLocalManUpdateServerForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

update-server. Form to update server information

### localManUpdateServer

* @PostMapping("/localmanagerserverupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManUpdateServer(@PathVariable("id")
* long id,
* @Validated
* [Servers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Servers.html) server,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - Server id

server -

result -

model - Updates server information in database

### localManDeleteServer

* @GetMapping("/localmanagerserverdelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManDeleteServer(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

model - Deletes server information from database

### localManAddShipmentForm

* @RequestMapping("/manager-add-shipment/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) localManAddShipmentForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

add-shipment. Displays the add shipment form to the current Restaurant Manager. Lists the warehouses inventory items/quantity.

### saveShipping

* @PostMapping("/add-shipment") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) saveShipping(@ModelAttribute
* [Shipment](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Shipment.html) shipment,

org.springframework.ui.Model model)

**Parameters:**

shipment - Shipment

model -

**Returns:**

manager-shipment-view. Saves quantities entered in add-shipment and supplmenets additional unentered data.

## UML

# 8. Warehouse Managers

## JavaDoc

### showWarehouseShipments

@RequestMapping("warehouseman-shipment-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseShipments(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

warehouseman-shipment-view. Returns selected shipments from the warehouse belonging to currently logged in warehouse manager.

### warehouseManAcceptShipment

* @GetMapping("/warehouseman-shipment-accept/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManAcceptShipment(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Shipping id

model -

**Returns:**

warehouseman-shipment-view. Changes status of currently selected shipment from 'Pending' to 'In Progress'.

### warehouseManDenyShipment

* @GetMapping("/warehouseman-shipment-deny/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManDenyShipment(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Shipping id

model -

**Returns:**

warehouseman-shipment-view. Changes status of currently selected shipment from 'Pending' to 'Declined'.

### showWarehouseLog

@RequestMapping("warehouseman-log-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseLog(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

warehouseman-log-view. Shows the log belonging to that warehouse manager

### showWarehouseInventory

@RequestMapping("warehouseman-inventory-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseInventory(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

warehouseman-inventory-view. Shows the current inventory for the warehouse of the warehousemanager that is logged in.

### warehouseManShowUpdateInventory

* @GetMapping("/warehouseman-inventory-edit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManShowUpdateInventory(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-inventory.Shows the update inventory page for the selected inventory item to the warehouse manager.

### warehouseManUpdateInventory

* @PostMapping("/warehouseman-inventory-update/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManUpdateInventory(@PathVariable("id")
* long id,
* @Validated
* [Inventory](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Inventory.html) inventory,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - Inventory id

inventory -

result -

model -

**Returns:**

warehouseman-inventory-view. Saves data entered by warehouse manager in the update-inventory page

### showWarehouseEmployees

@RequestMapping("warehouseman-employees-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseEmployees(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

warehouseman-employees-view. Shows all employees belonging to warehouse that the logged in warehouse manager is assigned.

### warehouseManShowUpdateEmployee

* @GetMapping("/warehouseman-employee-edit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManShowUpdateEmployee(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Employee id

model -

**Returns:**

update-employee. Shows update form for selected employee to the warehouse manager.

### warehouseManUpdateEmployee

* @PostMapping("/warehouseman-employee-update/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) warehouseManUpdateEmployee(@PathVariable("id")
* long id,
* @Validated
* [WarehouseEmployees](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseEmployees.html) employee,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - Employee id

employee -

result -

model -

**Returns:**

warehouseman-employees-view. Saves data entered by warehouse manager in update-employee page

## UML

# 9. Local Administrators

## JavaDoc

### showCustSignUpForm

@RequestMapping("/custsignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showCustSignUpForm([Customers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Customers.html) customer)

**Parameters:**

customer -

**Returns:**

add-customer. Shows add customer page to Local Admin

### showServerSignUpForm

@RequestMapping("/serversignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showServerSignUpForm([Servers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Servers.html) server)

**Parameters:**

server -

**Returns:**

add-server. Shows add server page to Local Admin

### showEmployeeSignUpForm

@RequestMapping("/localadmin-employee-signup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showEmployeeSignUpForm([WarehouseEmployees](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseEmployees.html) employees)

**Parameters:**

employees - Warehouse Employees

**Returns:**

add-warehouse-employee page. Shows the employee creation form to a local admin

### showAdminEmployeesView

@GetMapping("/admin-employee-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showAdminEmployeesView(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

admin-warehouse-employee-view. Shows all employees from every warehouse an Admin is assigned.

### showAdminShipmentView

@GetMapping("/admin-shipment-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showAdminShipmentView(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

admin-warehouse-employee-view. Shows all shipments from all warehouses that the localadmin is assigned

### addEmployee

* @RequestMapping("/addemployee") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addEmployee(@Validated
* [WarehouseEmployees](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseEmployees.html) employee,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

employee - WarehouseEmployee

result -

model -

**Returns:**

admin-employee-view. Adds employee created from local admin

### showUpdateEmployeeForm

* @GetMapping("/localadminemployeeedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateEmployeeForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - WarehouseEmployee id

model -

**Returns:**

update-warehouse-employee. Shows the update employee page based on employee selected from admin-employee-view

### updateEmployee

* @PostMapping("/localadminemployeeupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateEmployee(@PathVariable("id")
* long id,
* @Validated
* [WarehouseEmployees](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseEmployees.html) employee,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - Warehouse Employee

employee - Warehouse Employee

result -

model -

**Returns:**

admin-employee-view. Saves updated information from update-warehouse-employee.

### deleteEmployee

* @GetMapping("/localadminemployeedelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteEmployee(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Warehouse Employee

model -

**Returns:**

admin-employee-view. Deletes the warehouse employee selected.

### showManagerSignUpForm

@RequestMapping("/mansignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showManagerSignUpForm([Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager)

**Parameters:**

manager -

**Returns:**

add-LFmanager. Shows add Local Manager page to Local Admin

### addCust

* @RequestMapping("/addcustomer") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addCust(@Validated
* [Customers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Customers.html) customers,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

customers -

result -

model -

**Returns:**

admin-cust-view. Saves entered customer information from Local Admin. Verifies that email does not already exist in Customers table.

### addServer

* @RequestMapping("/addserver") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addServer(@Validated
* [Servers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Servers.html) server,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

server -

result -

model -

**Returns:**

admin-server-view. Saves entered server information from Local Admin. Verifies email does not already exist in Servers table.

### addManager

* @RequestMapping("/addmanager") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addManager(@Validated
* [Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

manager -

result -

model -

**Returns:**

add-LFmanager. Saves entered manager information from Local Admin. Verifies email does not already exist in Managers table.

### showUpdateCustForm

* @GetMapping("/localadmincustedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateCustForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-customer. Shows update customer page to Local Admin.

### showUpdateServerForm

* @GetMapping("/localadminserveredit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateServerForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-server. Shows update server page to Local Admin.

### showUpdateManagerForm

* @GetMapping("/localadminmanedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateManagerForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-LFmanager. Shows update Local Manager page to Local Admin.

### updateCust

* @PostMapping("/localadmincustupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateCust(@PathVariable("id")
* long id,
* @Validated
* [Customers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Customers.html) customer,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

customer -

result -

model -

**Returns:**

admin-cust-view. Saves updated customer information entered by Local Admin. Verifies that email information entered does not exist in Customers table.

### updateServer

* @PostMapping("/localadminserverupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateServer(@PathVariable("id")
* long id,
* @Validated
* [Servers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Servers.html) server,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

server -

result -

model -

**Returns:**

admin-server-view. Saves updated server information entered by Local Admin. Verifies that email information entered does not exist in Servers table.

### updateManager

* @PostMapping("/localadminmanupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateManager(@PathVariable("id")
* long id,
* @Validated
* [Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

manager -

result -

model -

**Returns:**

admin-manager-view. Saves updated Local Manager information entered by Local Admin. Verifies that email information entered does not exist in Managers table.

### addAdminRestaurant

public void addAdminRestaurant([Admins](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Admins.html) admin)

**Parameters:**

admin - . Grabs all restaurants the admin has been assigned and updates their admin FK.

### removeAdminRestaurant

public void removeAdminRestaurant([Admins](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Admins.html) admin)

**Parameters:**

admin - . Removes admin assigned to restaurant so the restaurant does not get deleted when the admin does.

### deleteCust

* @GetMapping("/localadmincustdelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteCust(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Customer

model -

**Returns:**

admin-cust-view. Deletes customer from Customers table.

### deleteServer

* @GetMapping("/localadminserverdelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteServer(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Server

model -

**Returns:**

admin-server-view. Deletes server from Servers table.

### deleteManager

* @GetMapping("/localadminmandelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteManager(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Manager

model -

**Returns:**

admin-man-view. Deletes manager from Managers table.

## UML

# 10. HQ Manager

## JavaDoc

### hqManShowManagers

@RequestMapping("/HQmanager-managers-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManShowManagers(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

hqmanager-managers-view. View list of managers

### showHQManUpdateManagerForm

* @GetMapping("/HQmanagermanedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showHQManUpdateManagerForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Manager id

model -

**Returns:**

update-lfmanager. Form for updating local managers

### hqManUpdateManager

* @PostMapping("/hqmanagermanupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManUpdateManager(@PathVariable("id")
* long id,
* @Validated
* [Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - Manager id

manager -

result -

model - Updates manager information in database

### hqManDeleteManager

* @GetMapping("/HQmanagermandelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManDeleteManager(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Manager id

model - Deletes manager information from database

### showLFManagerAddForm

@RequestMapping("/HQmanageraddmanager") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showLFManagerAddForm([Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager)

**Parameters:**

manager -

**Returns:**

add-lfmanager. Form for adding new local managers

### showHQManUpdateWHManagerForm

* @GetMapping("/hqmanagerwhmanedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showHQManUpdateWHManagerForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - WarehouseManager

model -

**Returns:**

update-manager. Shows the WH manager update form to HQ manager.

### hqManUpdateWHManager

* @PostMapping("/hqmanagerwhmanupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManUpdateWHManager(@PathVariable("id")
* long id,
* @Validated
* [WarehouseManager](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseManager.html) manager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id - WarehouseManager

manager -

result -

model -

**Returns:**

HQmanager-WHmanagers-view. Saves data entered by HQmanager in update-WHmanager form.

### hqManDeleteWHManager

* @GetMapping("/HQmanagerwhmandelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManDeleteWHManager(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - WarehouseManager

model -

**Returns:**

HQ-managers-view. Deletes the currently selected warehouse manager.

### showWHManagerAddForm

* @RequestMapping("/HQmanageraddWHmanager") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWHManagerAddForm([WarehouseManager](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseManager.html) manager,

org.springframework.ui.Model model)

**Parameters:**

manager -

model -

**Returns:**

add-WHmanager. Shows the add WH manager form to the HQ manager.

### hqManShowWHManagers

@RequestMapping("/HQmanager-WHmanagers-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManShowWHManagers(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

HQManager-WHmanagers-view. View list of Warehouse managers

### addLFManager

* @RequestMapping("/addlfmanager") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addLFManager(@Validated
* [Managers](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Managers.html) manager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

manager -

result -

model - Adds local manager to database

### addWHManager

* @RequestMapping("/addwhmanager") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addWHManager(@Validated
* [WarehouseManager](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\WarehouseManager.html) warehouseManager,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

warehouseManager -

result -

model -

**Returns:**

HQmanager-WHmanagers-view. Saves the data entered by HQmanager to WarehouseManager

### hqManShowRestaurants

@RequestMapping("/HQmanager-restaurants-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManShowRestaurants(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

hqmanager-restaurants-view. View list of restaurants

### hqManShowOffices

@RequestMapping("/HQmanager-offices-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManShowOffices(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

hqmanager-offices-view. View list of offices

### hqManShowWarehouses

@RequestMapping("/HQmanager-warehouses-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) hqManShowWarehouses(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

manager-warehouses-view. View list of warehouses

## UML

# 11. HQ Administrator

## JavaDoc

### showAdminList

@RequestMapping("/HQadmin-admin-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showAdminList(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

HQadmin-admin-view. Shows all current Local Admins to HQ Admin

### showOfficesList

@RequestMapping("/HQadmin-offices-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showOfficesList(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

HQadmin-offices-view. Shows all offices to HQ Admin

### showRestaurantList

@RequestMapping("/HQadmin-restaurants-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showRestaurantList(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

HQadmin-restaurants-view. Shows all restaurants to HQ Admin

### showWarehouseList

@RequestMapping("/HQadmin-warehouses-view") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseList(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

HQadmin-warehouses-view. Shows all warehouses to HQ Admin

### showAdminSignUpForm

* @RequestMapping("/adminsignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showAdminSignUpForm([Admins](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Admins.html) admin,

org.springframework.ui.Model model)

**Parameters:**

admin -

**Returns:**

add-LFadmin. Shows add Local Admin page to HQ Admin

### showOfficeSignUpForm

@RequestMapping("/officesignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showOfficeSignUpForm([Offices](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Offices.html) office)

**Parameters:**

office -

**Returns:**

add-office. Shows add office page to HQ Admin

### showRestaurantSignUpForm

@RequestMapping("/restaurantsignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showRestaurantSignUpForm([Restaurants](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Restaurants.html) restaurant)

**Parameters:**

restaurant -

**Returns:**

add-restaurant. HQ administrators add restaurant page

### showWarehouseSignUpForm

@RequestMapping("/warehousesignup") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showWarehouseSignUpForm([Warehouses](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Warehouses.html) warehouse)

**Parameters:**

warehouse -

**Returns:**

add-warehouse. HQ administrators add warehouse page

### addAdmin

* @RequestMapping("/addadmin") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addAdmin(@Validated
* [Admins](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Admins.html) admin,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

admin -

result -

model -

**Returns:**

HQAdmin-admin-view. Saves entered Local Admin information from HQ Admin. Verifies email does not already exist in Admins table. Updates restaurant to saved Admin.

### addOffice

* @RequestMapping("/addoffice") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addOffice(@Validated
* [Offices](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Offices.html) office,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

office -

result -

model -

**Returns:**

HQAdmin-offices-view. Saves entered office information from HQ Admin.

### addRestaurant

* @RequestMapping("/addrestaurant") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addRestaurant(@Validated
* [Restaurants](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Restaurants.html) restaurant,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

restaurant -

result -

model -

**Returns:**

HQadmin-restaurants-view. Saves entered restaurant information from HQ Admin. Loads a default inventory for New Restaurants location.

### addWarehouse

* @RequestMapping("/addwarehouse") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) addWarehouse(@Validated
* [Warehouses](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Warehouses.html) warehouse,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

warehouse -

result -

model -

**Returns:**

HQadmin-warehouses-view. Saves entered warehouse information from HQ Admin. Loads a default inventory for New Warehouses location.

### showUpdateAdminForm

* @GetMapping("/HQadminadminedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateAdminForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-LFadmin. Shows update admin page to HQ admin.

### showUpdateOfficeForm

* @GetMapping("/HQadminofficeedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateOfficeForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-office. Shows update office page to HQ admin.

### showUpdateRestaurantForm

* @GetMapping("/HQadminrestaurantedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateRestaurantForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-restaurant. Shows update restaurant page to HQ admin.

### showUpdateWarehouseForm

* @GetMapping("/HQadminwarehouseedit/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showUpdateWarehouseForm(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id -

model -

**Returns:**

update-warehouse. Shows update warehouse page to HQ admin.

### updateAdmin

* @PostMapping("/HQadminadminupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateAdmin(@PathVariable("id")
* long id,
* @Validated
* [Admins](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Admins.html) admin,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

admin -

result -

model -

**Returns:**

HQadmin-admin-view. Saves updated Local admin information entered by HQ Admin. Verifies that email information entered does not exist in Admins table.

### updateOffice

* @PostMapping("/HQadminofficeupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateOffice(@PathVariable("id")
* long id,
* @Validated
* [Offices](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Offices.html) office,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

office -

result -

model -

**Returns:**

HQadmin-offices-view. Saves updated office information entered by HQ Admin.

### updateWarehouse

* @PostMapping("/HQadminwarehouseupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateWarehouse(@PathVariable("id")
* long id,
* @Validated
* [Warehouses](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Warehouses.html) warehouse,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

warehouse -

result -

model -

**Returns:**

HQadmin-warehouses-view. Saves updated warehouse information entered by HQ Admin.

### updateRestaurant

* @PostMapping("/HQadminrestaurantupdate/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) updateRestaurant(@PathVariable("id")
* long id,
* @Validated
* [Restaurants](file:///C:\School\Cpsc%20-%20488\Git\temp\Fall-2022---Group-7---Restaurant-Management-Assisstant\restaurantmanager\doc\edu\sru\group7\restaurantmanager\domain\Restaurants.html) restaurant,
* org.springframework.validation.BindingResult result,

org.springframework.ui.Model model)

**Parameters:**

id -

restaurant -

result -

model -

**Returns:**

HQadmin-restaurants-view. Saves updated restaurant information entered by HQ Admin.

### deleteOffice

* @GetMapping("/HQadminofficedelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteOffice(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Office

model -

**Returns:**

HQadmin-offices-view. Deletes office from Offices table.

### deleteRestaurant

* @GetMapping("/HQadminrestaurantdelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteRestaurant(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Restaurant

model -

**Returns:**

HQadmin-restaurants-view. Deletes restaurant from Restaurants table.

### deleteWarehouse

* @GetMapping("/HQadminwarehousedelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteWarehouse(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Warehouse

model -

**Returns:**

HQadmin-warehouses-view. Deletes warehouse from Warehouses table.

### deleteAdmin

* @GetMapping("/HQadminadmindelete/{id}") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) deleteAdmin(@PathVariable("id")
* long id,

org.springframework.ui.Model model)

**Parameters:**

id - Admin

model -

**Returns:**

HQadmin-admin-view. Deletes Local Admin from Admins table. Removes assigned restaurant before deleting admin to avoid deleting restaurant as well.

### showHQAdminLog

@GetMapping("/hqlogadminview") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) showHQAdminLog(org.springframework.ui.Model model)

**Parameters:**

model -

**Returns:**

hq-admin-log-view. Shows the entire log to the HQ Admin

## UML

# 12. Order Placement

## JavaDoc

## UML



# 14. Inventory Management

## JavaDoc

## UML

# 15. ER Diagram

