Restaurant Manager Assistant

Technical Manual(unfinished)

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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

### 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

### 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\MasterRepository2\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.

### clockIn

@RequestMapping("/clockin") public [String](https://docs.oracle.com/en/java/javase/17/docs/api/java.base/java/lang/String.html) clockIn()

Clock in method to keep track of hours worked

**Returns:**

redirect to local server or manager page

## UML



# 7. Warehouse Employees

## JavaDoc

## UML

# 8. Restaurant Managers

## JavaDoc

### showLocalManServerView

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

For managers to view Serving staff home page for outgoing orders, customer information, etc.

**Parameters:**

model -

**Returns:**

Server view with local manager authorities

### 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\MasterRepository2\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\MasterRepository2\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

@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)

### 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\MasterRepository2\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)

### 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)

### showLog

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

**Parameters:**

model -

**Returns:**

log-view. Shows the log view for the Local Manager at that restaurant location.

## UML

# 9. Warehouse Managers

## JavaDoc

## UML

# 10. Local Administrators

## JavaDoc

## UML

# 11. HQ Manager

## JavaDoc

## UML

# 12. HQ Administrator

## JavaDoc

## UML

# 13. Order Placement

## JavaDoc

## UML



# 14. Inventory Management

## JavaDoc

## UML

# 15. ER Diagram

