URS

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Contents

[Requirements 1](#_Toc33083843)

[Application functions 1](#_Toc33083844)

[Web app functions 1](#_Toc33083845)

[Use Cases 1](#_Toc33083846)

[Login, Actor: user 1](#_Toc33083847)

[Administrator/HR UI, Actor: admin / HR employee 3](#_Toc33083850)

[View information (home, employees) 3](#_Toc33083851)

[Add employee 3](#_Toc33083853)

[Remove employee 3](#_Toc33083856)

[Send announcement 3](#_Toc33083859)

[Change employee data 4](#_Toc33083862)

[Search function 4](#_Toc33083865)

[Log out 4](#_Toc33083868)

[Manager UI, Actor: Manager 5](#_Toc33083871)

[View information (home, inventory, employees, schedules) 5](#_Toc33083872)

[Create report 5](#_Toc33083874)

[Search function 5](#_Toc33083876)

[Log out 5](#_Toc33083879)

[Employee UI, Actor: Employee 6](#_Toc33083882)

[View information (home, inventory, schedule) 6](#_Toc33083883)

[Change stock 6](#_Toc33083885)

[Make order 6](#_Toc33083888)

[Search function 6](#_Toc33083891)

[Log out 7](#_Toc33083894)

[Floor worker UI, Actor: floor worker 8](#_Toc33083897)

[View information (home, inventory, schedule) 8](#_Toc33083898)

[Send message 8](#_Toc33083900)

[Search function 8](#_Toc33083903)

[Log out 8](#_Toc33083906)

# Requirements

## Application functions

The application starts with a login form, which must be filled in with an existing user name and password.

The administrator, or HR employee manages employees. HR can add new employees, remove them or change their data. They have access to a home page and employee page. HR should be able to search and change specifically chosen information. HR must be able to send announcements to employees regarding employee business.

Managers have access to viewing employees, inventory and schedules in order to manage the work. The manager must have access to printing a daily report and could also have a function to manually change schedules.

## Web app functions

Employees must have access to their own schedule and not to other’s. they can view stocks in the inventory and make orders when stocks are low.

Floor workers have access to view the inventory and schedules of present employees. They can also send messages to other employees for when they are needed.

Each form should have the possibility to search their given information and to log out.

# Use Cases

# Login, Actor: user

### Success scenario

* User fills in the password and username box with a corresponding username and password.
* The user clicks the “log in” button.
* System checks the given username and password with the existing users in the database.
* The user given is correct and the login form closes.
* System opens the appropriate form for the user.

### Extensions:

* Password is incorrect, the password box is emptied and user is not logged in.
* Username is incorrect, the username box is emptied and user is not logged in.
* User closes the window before completing the success scenario.

# Administrator/HR UI, Actor: admin / HR employee

## View information (home, employees)

### Success scenario

* User selects a tab to view an information page
* System displays the selected tab with information and functions.

## Add employee

### Success scenario

* The “add employee” button is clicked and the “add employee” window is opened.
* The user fills in all textboxes to give all necessary information for an employee.
* The user confirms the new employee by clicking the button.
* System adds the new employee to the database.
* The system closes the “add employee” window and returns to the main GUI

### Extensions:

* The user does not fill all required textboxes to create a user and the window remains as it it without adding a user.
* The user closes the window before completing the success scenario.

## Remove employee

### Success scenario

* The user selects an employee from the user list to remove
* The user clicks the remove button.
* System removes the entity from the database

### Extensions:

* The user has no employee selected
* The user closes the window before completing the success scenario

## Send announcement

### Success scenario

* User fills in the textboxes for topic, addressed person and the announcement.
* System creates an announcement for the addressed people.
* System clears the textboxes.

### Extensions:

* The user does not fill addressed people. The announcement is sent for all employees
* There is no topic or announcement. The message is not sent.
* The window is closed before completing the success scenario.

## Change employee data

### Success scenario

* User selects an employee from the database.
* User selects a data field from a dropdown menu
* User fills the textbox with the new data value and clicks the change data button
* System checks the filled value in the database
* Value is appropriate and the data is changed.
* System empties value textbox, selected employee is deselected

### Extensions:

* Value textbox is not filled or no employee is selected.
* Given data is incompatible for the database and can not store it. System creates a message.
* The window is closed before completing the success scenario.

## Search function

### Success scenario

* User selects a column from the datasheet to search. Then fills the value textbox with a value to filter on.
* User presses the search button.
* System filters and shows all rows with the given value in the given field

### Extensions:

* No field or value is given to complete a search
* The window is closed before completing the success scenario.

## Log out

### Success scenario

* User clicks the “log out” button.
* System opens a pop-up window for the user.
* User clicks the confirm button to confirm the log out.
* System closes the form and opens the log in form.

### Extensions:

* User cancels the log out by clicking cancel or closing the pop-up.

# Manager UI, Actor: Manager

## View information (home, inventory, employees, schedules)

### Success scenario

* User selects a tab to view an information page
* System displays the selected tab with information and functions.

## Create report

### Success scenario

* User clicks the “create report” button on the main page
* System opens a new window with the information report containing necessary information.

## Search function

### Success scenario

* User selects a column from the datasheet to search. Then fills the value textbox with a value to filter on.
* User presses the search button.
* System filters and shows all rows with the given value in the given field

### Extensions:

* No field or value is given to complete a search
* The window is closed before completing the success scenario.

## Log out

### Success scenario

* User clicks the “log out” button.
* System opens a pop-up window for the user.
* User clicks the confirm button to confirm the log out.
* System closes the form and opens the log in form.

### Extensions:

* User cancels the log out by clicking cancel or closing the pop-up.

# Employee UI, Actor: Employee

## View information (home, inventory, schedule)

### Success scenario

* User selects a tab to view an information page
* System displays the selected tab with information and functions.

## Change stock

### Success scenario

* User selects a product from the database.
* User selects a data field from a dropdown menu
* User fills the textbox with the new data value and clicks the change data button
* System checks the filled value in the database
* Value is appropriate and the data is changed.
* System empties value textbox, selected product is deselected

### Extensions:

* Value textbox is not filled or no product is selected.
* Given data is incompatible for the database and cannot store it. System creates a message.
* The window is closed before completing the success scenario.

## Make order

### Success scenario

* User fills the product id and order amount into the appropriate textboxes.
* User clicks the “make order” button.
* System creates a new data object of the order
* System empties the textboxes.

### Extensions:

* User did not fill in all the necessary textboxes before clicking the button.
* The window is closed before completing the success scenario.

## Search function

### Success scenario

* User selects a column from the datasheet to search. Then fills the value textbox with a value to filter on.
* User presses the search button.
* System filters and shows all rows with the given value in the given field

### Extensions:

* No field or value is given to complete a search
* The window is closed before completing the success scenario.

## Log out

### Success scenario

* User clicks the “log out” button.
* System opens a pop-up window for the user.
* User clicks the confirm button to confirm the log out.
* System closes the form and opens the log in form.

### Extensions:

* User cancels the log out by clicking cancel or closing the pop-up.

# Floor worker UI, Actor: floor worker

## View information (home, inventory, schedule)

### Success scenario

* User selects a tab to view an information page
* System displays the selected tab with information and functions.

## Send message

### Success scenario

* The user fills in the textboxes for the addressed person and the message.
* The user confirms the sending of the message clicking the “send message” button.
* The system sends the message to the inbox of the addressed person. Or their announcement screen.

### Extensions:

* Addressed person does not exist and the message will not be sent.
* There is no message or addressed filled in for the message.

## Search function

### Success scenario

* User selects a column from the datasheet to search. Then fills the value textbox with a value to filter on.
* User presses the search button.
* System filters and shows all rows with the given value in the given field

### Extensions:

* No field or value is given to complete a search
* The window is closed before completing the success scenario.

## Log out

### Success scenario

* User clicks the “log out” button.
* System opens a pop-up window for the user.
* User clicks the confirm button to confirm the log out.
* System closes the form and opens the log in form.

### Extensions:

* User cancels the log out by clicking cancel or closing the pop-up.

# Added features iterative phase

* A separate viewable stock between warehouses and store in-shelf storage
* Website: change your password on first login.
* Website: update personal information
* Website: appoint yourself sick, available or unavailable.

## Planning

Over the 6 week iterative phase the 4 necessary features will be added over 2 new iterations. The features can be added for week 3 or week 6.

# New use cases

## Changing viewed stock from your warehouse inventory to store shelf inventory. Actor: manager

### Success scenario:

* User is viewing inventory on the inventory tab in the C# app
* User selects a store location from a dropdown menu. In this case a shelf store.
* User clicks the “go to store” button.
* System changes the displayed data to be that of the selected location from the database.
* User is free to choose to return to any other store afterwards.

### Extensions:

* User does not click the “go to store button”
* System can not find data of a location with no stocked items.

## Website: change password on login. Actor: employee

### Success scenario

* User logs in for the first time
* System opens a one time page where the user has to give a new password
* User fills 3 fields with their old password, new password and repeated new password.
* User clicks the “confirm” button.
* System opens the website homepage

### Extensions:

* User fails to give the correct old password
* User does not give the same new password on the repeat.

## Update personal information. Actor: employee

### Success scenario:

* User clicks the “update personal information” button on the profile page.
* System opens the additional profile page.
* User changes the text in the fields of information they want to change.
* User clicks the “confirm” button
* System changes the chosen data in the database. Then returns to the profile page.

### Extensions:

* User leaves an information field empty.

## Update availability. Actor: employee

### Success scenario.

* User clicks the “update availability” button on the dashboard page.
* System opens the additional availability page.
* User selects a date from the calendar and a shift from a dropdown menu.
* User selects an option from another menu to sign up as available, unavailable or sick.
* User clicks the “confirm” button.
* System changes the selected data in the database and returns to the dashboard homepage.

### Extensions.

* User does not select either a day, shift or availability before confirming.

URS: additional orders app Media Bazaar

# Introduction

In addition to the main application made for media bazaar, the project group has also developed an app that can be used for the cashiers in the stores to process orders. This order app is further explained in this URS

# Requirements

The following must be kept in mind while developing to ensure a satisfactory product.

* The user must be able to place orders through the app.
* The app must be able to display all stocked products within the location and filter them.
* The app must display accurate numbers of stock for its location.
* When an order is placed, the stock numbers must be changed accordingly.
* The app could make a receipt when an order is finalized.

# Use cases

## Placing an order. Actor: cashier.

### Success scenario

1. user has selected the location they require to order from
2. user selects an item from the inventory list, and puts it into the order.
3. System makes a copy of the item to put into the order.
4. User selects an amount of the item to order.
5. User may repeat step 2-4.
6. User clicks the “make order” button.
7. System places the order into the database.
8. System clears the order window and is ready to process a new order.

### Extensions

* The app is closed before completing the order.
* Instead of confirming the order, the user cancels the order.
* During the assembly of the order, user can remove items from the order.

## Changing location. Actor: cashier.

### Success scenario

1. User selects a location from the dropdown menu.
2. System changes the current location and now displays inventory from that store.

### Extensions

* The app is closed at any moment in the process.

## Searching inventory. Actor: cashier.

### Success scenario

1. User fills a term into the search bar and selects an attribute to search on.
2. System searches the inventory database and returns information to the app.
3. System replaces previous inventory window to match the searched item.
4. User can now pick out items in the searched inventory.

### Extensions

* The app is closed at any moment in the process.