Test Plan

“Media Bazaar”

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**HBO-ICT: English Stream**

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# USE CASES

## Case 1: Logging in to a personal user account.

Actor: Floor or Administration Employee

Main Success Scenario:

1. Employee opens the application.
2. Application initializes, requests a username and password.
3. Employee inputs his credentials and confirms.
4. Application opens the appropriate access view (per user type: Floor, Administration).

Extensions:

3a. Incorrect username/password provided.

1. System displays error message
2. Return to step 3.

3b. Account is inactive.

1. System displays error message
2. Return to step 3.

## Case 2: Checking personal schedule.

Actor: Floor Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Floor Employee chooses to see his schedule.
2. System displays weekly schedule.

Extensions:

2a. Schedule has not been generated yet.

1. System displays empty schedule.
2. End of use case

## Case 3: Updating stock level (counts towards depletion).

Actor: Floor Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Trigger: The product is either sold or written-off (as i.e. damaged, spoiled, outdated, lost)

Main Success Scenario:

1. Floor Employee accesses product data.
2. System displays product information.
3. Floor employee reduces the quantity of the product and confirms.
4. System updates the current stock level

Extensions:

3a. The inputted amount is invalid.

1. System displays error message and rejects the change.
2. Return to step 3.

## Case 4: Updating stock level (counts towards replenishment).

Actor: Floor Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Trigger: The product is marked for replenishment (by Administration) or is returned (as i.e. cleared from damage, was missing)

Main Success Scenario:

1. Floor Employee accesses product data.
2. System displays product information.
3. Floor employee increases the quantity of the product and confirms.
4. System updates the current stock level.

Extensions:

3a. The inputted amount is invalid.

1. System displays error message and rejects the change.
2. Return to step 3.

## Case 5: Updating product data

Actor: Administrative Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative Employee selects the product.
2. All previously inputted data is displayed.
3. Floor Employee modifies product description or/and price and confirms.
4. System overwrites the data.

Extensions

3a. One or more mandatory fields are empty or invalid

1. System displays error message and discards changes.
2. Return to step 3.

## Case 6: Adding a new product

Actor: Administrative Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative employee accesses the product section.
2. System displays options for adding new product.
3. Administrative employee fills in all the required information and confirms.
4. System adds the new product to the database.

Extensions:

3a. One or more mandatory fields are empty or invalid.

1. System displays error message and discards changes.
2. Return to step 3.

## Case 7: Adding a new employee/user

Actor: Administration Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative employee accesses the employee section.
2. System displays options for adding new product.
3. Administrative Employee fills in all the required information and confirms.
4. System generates username and password and sends it in an email.

Extensions:

3a. One or more mandatory fields are empty or invalid

1. System displays error message.
2. Return to step 3.

## Case 8: Updating employee/user data

Actor: Administration Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative employee accesses the employee section and selects the department.
2. System displays employee accounts per department.
3. Administrative Employee selects the account to edit.
4. All previously inputted data is displayed in the fields.
5. Administrative Employee modifies the desired data and confirms.
6. System overwrites the data.

Extensions:

5a. One or more mandatory fields are empty or invalid

1. System displays error message and discards changes.
2. Return to step 3.

## Case 9: Deactivating employee/user account

Actor: Administration Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative employee accesses the employee section and selects the department.
2. System displays employee accounts per department.
3. Administrative Employee selects the account to deactivate.
4. System finds the account in the database.
5. Administrative Employee provides reasons for deactivation and confirms.
6. System deactivates the account.

Extensions:

5a. Reason is not provided

1. System displays error message.
2. Return to step 5.

## Case 10: Manual shift assignment.

Actor: Administration Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Main Success Scenario:

1. Administrative employee accesses the schedule section.
2. System displays empty schedule per department.
3. Administrative employee selects department, week and day to create the schedule and confirms.
4. System generates the list of employees for the selection.
5. Administrative employee selects employees from the list for each shift.
6. System registers the changes.
7. Administrative employee repeats the process for each day.
8. System saves the schedule per day.

Extensions:

5a Employee selected for the morning shift had an evening shift on the previous day.

1. System displays error message.
2. Return to step 5.

7a Employee selected for the morning shift had an evening shift on the previous day.

1. System displays error message.
2. Return to step 7.

## Case 11: Adjusting schedule (if employees are unavailable).

Actor: Administration Employee

Precondition: User is logged in (see [Case 1](#_Case_1:_Logging)).

Trigger: Administrative Employee is informed about employee unavailability

Main Success Scenario:

1. Administrative Employee accesses the schedule.
2. System displays the current schedule.
3. Administrative Employee selects schedule editing.
4. System provides options to edit employees’ names per day.
5. Administrative Employee applies changes and confirms.
6. System updates the schedule.

Extensions:

5a. Shift is left opened (not implemented yet, due to not enough employees in the db)

1. System displays error message.
2. Return to step 5.

5b. Shift is invalid (not compliant to regulations)

1. System displays error message
2. Return to step 5.

# TEST CASES

## Case 1: Logging in to a personal user account.

1. Successful login for Administrative Employee
2. Successful login for Floor Employee
3. Login failed due to incorrect data input (any user)
4. Login failed due to user account being inactive (any inactive user)

## Case 2: Checking personal schedule.

1. Floor Employee successfully checks the schedule
2. Floor Employee accesses the schedule which is not made yet

## Case 3: Updating stock level (counts towards depletion).

1. Floor Employee successfully updates the stock level
2. Floor Employee inputs incorrect stock amount

## Case 4: Updating stock level (counts towards replenishment).

1. Floor Employee successfully updates the stock level
2. Floor Employee inputs incorrect stock amount

## Case 5: Updating product data

1. Administrative Employee successfully updates product information
2. Administrative employee inputs invalid data
3. Administrative employee leaves empty field (that is mandatory)

## Case 6: Adding a new product

1. Administrative Employee successfully adds new product
2. Administrative employee inputs invalid data
3. Administrative employee leaves empty field (that is mandatory)
4. Administrative employee tries adding an already existing product

## Case 7: Adding a new employee/user

1. Administrative Employee successfully adds new employee
2. Administrative employee leaves a mandatory data field empty
3. Administrative employee tries adding an already existing employee

## Case 8: Updating employee/user data

1. Administrative Employee successfully updates employee data
2. Administrative employee leaves a mandatory data field empty

## Case 9: Deactivating employee/user account

1. Administrative Employee successfully deactivates employee account
2. Administrative employee inputs no reason for deactivation

## Case 10: Manual shift assignment.

1. Administrative Employee successfully assigns employees to shifts
2. Administrative employee adds employee to the morning shift (that has an evening shift on the previous day)

## Case 11: Adjusting schedule (if employees are unavailable).

1. Administrative Employee successfully edits employee schedule

# TESTING TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case ID | Use Case ID | Testing data/Instruction | Expected Result |
| TC-01a | UC-01 | Administrative employee: Username: tudor Password: tudor | Successful login for Administrative Employee |
| TC-01b | Floor Employee: Username: edita Password: edita | Successful login for Floor Employee |
| TC-01c | Choose any user and misspell the username or login | Login failed due to incorrect data input (any user) |
| TC-01d | Deactivated user:  Username: donald Password: duck | Login failed due to user account being inactive (any inactive user) |
| TC-02a | UC-02 | After logging in, select calendar icon next to the name | Floor Employee successfully checks the schedule |
| TC-02b | After logging in, select calendar icon next to the name | Floor Employee accesses the schedule which is not made yet (should be empty) |
| TC-03a | UC-03 | Select any product and change the quantity | Floor Employee successfully updates the stock level |
| TC-03b | Select any product and change its quantity to a negative nr, letter or symbol | Floor Employee inputs incorrect stock amount (error message is displayed) |
| TC-04a | UC-04 | Select any product and change the quantity | Floor Employee successfully updates the stock level |
| TC-04b | Select any product and change its quantity to a negative nr, letter or symbol | Floor Employee inputs incorrect stock amount (error message is displayed) |
| TC-05a | UC-05 | i.e. Select any existing product from the list and change the name | Administrative Employee successfully updates product information |
| TC-05b | i.e. Select any existing product from the list and change a price | Administrative employee inputs invalid data (error message is displayed) |
| TC-05c | i.e. Select any existing product from the list and clear description | Administrative employee leaves empty field (error message is displayed) |
| TC-06a | UC-06 | Product ID: 00021HA Name: Coffee Maker Department: Home Appliances Price: 99.99 Quantity: 60 Description: Ninja 12-Cup Programmable Brewer, 60 oz, Black, Stainless Steel | Administrative Employee successfully adds new product |
| TC-06b | Use data from TC-06a  i.e. replace price with “ninetynine” | Administrative employee inputs invalid data (error message is displayed) |
| TC-06c | Use data from TC-06a leaving any of the fields empty | Administrative employee leaves empty field (error message is displayed) |
| TC-06d | Use data from TC-06a | Administrative employee tries adding an already existing product (error message is displayed) |
| TC-07a | UC-07 | First Name: Steve Last Name: Rogers Birthdate: 4 July 1918 Birthplace: Brooklyn BSN: 444 555 444 Address: 890 Fifth Avenue, Manhattan Phone: 63444560000 Email: steve@america.com Emerg. Contact Name: Nick Fury Number: 6666667666 Start Date: 19 July 2011 Position:  Department: Mobile Devices Contract Type: Full-Time Username: steve Password: captain Account Type: Floor Career History: Highly experienced, good people skills, presentable | Administrative Employee successfully adds new employee |
| TC-07b | Use data from TC-07a leaving any field empty (except position) | Administrative employee leaves a mandatory data field empty (error message is displayed) |
| TC-07c | Use data from TC-07a | Administrative employee tries adding an already existing employee (error message is displayed) |
| TC-08a | UC-08 | Select an employee from the list and change any of the data fields | Administrative Employee successfully updates employee data |
| TC-08b | Select an employee from the list and leave any field empty | Administrative employee leaves a mandatory data field empty (error message is displayed) |
| TC-09a | UC-09 | Select an employee from the list provide termination date and a reason (i.e. retired or deceased) | Administrative Employee successfully deactivates employee account |
| TC-09b | Select an employee from the list provide termination date and no reason | Administrative employee inputs no reason for deactivation (error message is displayed) |
| TC-10a | UC-10 | Select employees form the list and assign them to different shifts on different days | Administrative Employee successfully assigns employees to shifts |
| TC-10b | Select an employee form the list and assign him/her to the evening shift and next day to the morning shift | Administrative employee adds employee to the morning shift (that has an evening shift on the previous day) (error message is displayed) |
| TC-11a | UC-11 | Remove any employee from the assigned shift | Administrative Employee successfully edits employee schedule |