# User Requirements Specification

FOR

Media Bazaar Solution

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Version Control   |  |  | | --- | --- | | V0.1 | Added login system + Crud functionalities | | V0.2 | Added product system + schedule system | | V0.3 | Refactor our URS + added automatic schedule | | V0.4 | Added department + website login system and schedule viewing | | V0.5 | Refactored some of the URS | |

# Functional requirements

The system we are building should be able to manage employees, products and departments within the new “Media Bazaar” store.

## Must have

* As an administrator I want to
  + Employee
    - Create
    - Update
    - Delete
  + Product
    - Create
    - Update
    - Delete
* As an administrator or manager, I want to
  + Employee
    - Remove
    - View overview
      * Basic information
      * Department
      * Current shift
      * Next shift (weekly)
      * Attendance
    - View details
      * Basic information
      * Contract type and document
      * Schedule
  + Product
    - View overview
      * Include a search
    - View details
  + View shift schedule for entire store
  + View statistics
* As a depot worker I want to
  + View stock data
  + View re-shelf requests
  + View their weekly/monthly schedule

## Should have

* Automated shift scheduling for full-time employees.

# Use Cases

# C# Application:

# Security

### UC\_01: Login to the application.

Actor: HR worker/manager or employee.

Main success scenario:

1. System asks for username and password.

2. Actor enters personal login credentials.

3. System checks credentials.

4. Login is confirmed by system.

5. Actor can access the application.

Extensions:

4a: Login credentials are incorrect.

1. Application notifies user that the credentials are incorrect.
2. Return to MSS step 2.

### UC\_02: Create a new employee

Actor: HR worker/manager.

Main success scenario:

1.Actor goes to “add employee” page.

2.System requests for personal information about employee.

3.Actor fills in employee's personal information.

4.System checks if employee does not exist .

5.System confirms that a new employee has been created.

Extensions:

3a: Not all mandatory fields are filled in

1. System displays a message informing the actor that not all fields are filled in.

4a: Employee already exists.

1. The application notifies the actor that the employee already exists.

### UC\_03: Search and read an employee's information

Actor: HR worker /manager

Main success scenario:

1. Actor searches for an employee by searching his/her name.

2. System checks if employees exist .

3.System shows the employees that have been found.

4. The actor selects the employees he wants to read.

5. The actor goes to “edit employee” page.

6.System loads the the specific employee details/

6. The actor can see employee's information.

Extensions:

2a: No employees found.

1. System notifies the actor that no employees have been found.

2. The actor indicates the notification was read.

3. Return to step 1. of MSS

### UC\_04: Set employee as inactive.

Actor: HR worker/manager.

Main success scenario:

1. The actor chooses an employee to set as inactive.
2. System asks for inactive reason.
3. The actor gives reasons and confirms.
4. System saves the changes.
5. System confirms the employee has been set as inactive.

Extensions:

### UC\_05: Changing employee information,

Actor: HR/manager.

Main success scenario:

1. System asks for new personal information about the employee.

2. The actor updates the information about employees and respects all the requirements(ex: type an appropriate email, respect the password length & characters.

3. The system updates the data and confirms.

Extensions:

2a.New information does not respect the requirements.

1. System notifies the actor that did not respect the requirements for employee information.

### UC\_06: View Employee statistics:

Actor: Administration employee

Main success scenario:

1. Actor Open the statistic tab.
2. The system displays the employee statistics counted in the agreements with the client.

Extension:

2.a The employee may be new to the company at may lack in statistic

1. System notifies the actor that the specific employee is either too new to the company or lacks statistic.

2.Go back to MSS 2.

### UC\_07: Assign update or delete shifts for employees

Actor: HR/manager.

Main success scenario:

1. The actor goes to “schedule” page and selects ‘see schedule for an employee’.
2. The system shows all employees in the schedule table.
3. The Actor selects specific day for specific employee.
4. System shows time slots.
5. The actor selects/sets the timeslot for employee on the selected day.
6. The actor saves changes by selecting the save button.
7. System saves the changes for shifts.

Extension:

5a: Time is already selected.

1.The actor selects a new time to update the schedule.

2. Continue with step 6 of MSS.

### UC\_08: Assign and delete employees to/from shifts.

Actor: HR/manager

Main success scenarios:

1. The actor goes to “schedules” page and selects ‘create schedule’.

2. System shows each shift of a week with the scheduled employees.

3. The actor selects a specific day and timeslot.

4. The system shows a new window for assigning and deleting employees.

5.The actor selects employees to add/remove and selects corresponding button.

6.The system will display updated information on the page.

7. The actor saves changes by going back to the schedule page.

Extensions:

### UC\_09: Automatic schedule.

Actor: HR/manager.

Main success scenario:

1.The actor goes to “Schedule” page.

2. The system shows multiple options for creating schedules.

3. The actor selects a shift from the list of shifts and the “automatic schedule” button.

4. The system assigns the employees to the shift for the chosen week.

Extensions:

3a. The actor did not select a schedule.

1.System returns a message to select a schedule.

4a. Not enough employees of a certain type

1.System returns a message that there are not enough employees.

### UC\_10: Add new products:

Actor: Depot worker/manager

Main success scenario:

1. The actor goes to the button labeled add product.
2. System requests the actor to fill in the new products information.
3. Employee fills in the new product information.
4. Systems check if the products do not already exist .
5. System confirms the new product is created.

Extension:

4a: Product already exists.

1. Application notifies the user that the product already exists.

2. The user indicates the notification was read.

3. Return to step 3. of MSS.

### UC\_11: Set product as inactive:

Actor: Depot worker

Pre-condition: Depot Worker must search for a product and select them from a list

Main success scenario:

1. Actor presses the set product as inactive button.
2. System opens a new window and asks if they want to proceed.
3. Actor confirms
4. System sets product as inactive.

Extension:

1a: No product selected

1. System displays a message informing the actor to select a product

2.User confirms.

3. End of use case.

### UC\_12: Edit product:

Actor: Depot worker

Pre-condition: Actor must select an item from the product list

Main success scenario:

1.Actor goes to the modification form by selecting edit button.

2. System displays the current product information.

3. Actor makes changes to the product and confirms.

4. System displays a confirmation message and saves the changes.

Extension:

4a: Filled in information does not match the system criteria

1. System displays an error message informing the user of the problem

2.Returns to MSS step 3

# Web Application:

# Security

### UC\_01: Login to the application.

Actor: Employee.

Main success scenario:

1. Actor opens the application.

2. System asks for username and password.

3. Actor enters personal login credentials.

4. System checks credentials .

5. Login is confirmed by system.

6. Actor can access the application.

Extensions:

4a: Login credentials are incorrect.

1. Application notifies user that the credentials are incorrect.

2. Return to MSS step 2.

# Schedule

### UC\_02: Viewing schedule page.

Actor: Employee.

Main success scenario:

1. After performing every step of UC01 the actor can access the homepage.

2. The system checks the identity of the logged in actor and loads the associated schedule.

3. The actor can go to the schedule tab to see his schedule.

Extensions:

2a: Employee has no schedule.

1. Application notifies actor that he does not have a schedule yet.

2. Return to MSS step 1.