

# User Requirement Specification Document

## Media Bazaar

<b>Date</b>	<b>19/09/2023</b>
<b>Version</b>	<b>0.2</b>
<b>State</b>	<b>Draft</b>
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# 1. User Requirements

## i. Non-Functional Requirements

General Requirements	MosCoW
Usability	Must
Security	Should
Compatibility	Should
Scalability	Could

## ii. Functional Requirements

General Requirements	MoSCoW
Create new employee	Must
Edit existing employee	Must
View existing employee	Must
Delete existing employee	Must
Create new work shift	Must
Edit existing work shift	Must
View existing work shift	Must
Delete existing work shift	Must
Assign work shift to employee	Must
View work shift of specific employee	Must
Remove employee from work shift	Must
Assign system roles	Should
Create new products	Should
Edit existing products	Should
View existing products	Should
Delete existing products	Should
View statistics of employee	Could
Check in and check out of work shifts for employee	Could

# 2. Use Cases

## i. Functional Requirements

## Must-Have Use Cases:

### 1. Create new employee

A system administrator can add a new employee to the database by providing essential details such as name, contact information, and position.

Use case:	<b>UC-01:</b> Create New Employee
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor requests to create new employee</li><li>2. System shows field that required to be entered</li><li>3. Actor filled in required data</li><li>4. Actor adds employee</li><li>5. Employee added</li><li>6. End use case</li></ol>
Extensions:	3a) Data not valid <ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 3</li></ol>

### 2. Edit existing employee

Users with appropriate permissions can update the information of an existing employee, including their contact details or job position.

Use case:	<b>UC-02:</b> Edit Existing Employee
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor selects a specific employee</li><li>2. Actor requests to edit the selected employee</li><li>3. System shows fields that are currently filled with the employee's details</li><li>4. Actor changes a detail from the wanted fields.</li><li>5. Actor confirms changes</li></ol>

	6. System displays that the employee details has been changed
Extensions:	5a) Data not valid 1. System shows error 2. Return to step 4

### 3. View existing employee

The HR Manager can access and review the information of an existing employee, including their contact information and job details.

Use case:	<b>UC-03:</b> View existing employee
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"> <li>1. Actor requests to view employee</li> <li>2. System shows employee data</li> <li>3. End use case</li> </ol>
Extensions:	

### 4. Delete existing employee

The HR Manager can remove an employee from the system, ensuring that their data is securely deleted.

Use case:	<b>UC-04:</b> Delete existing employee
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"> <li>1. Actor requests to delete employee</li> <li>2. System asks actor for confirmation</li> <li>3. Actor confirms</li> <li>4. Employee deleted</li> <li>5. End use case</li> </ol>
Extensions:	3a) Actor cancels the action <ol style="list-style-type: none"> <li>1. Employee is not deleted</li> <li>2. End use case</li> </ol>

## 5. Create new work shift

HR Manager can create new work shift schedules, specifying details like date, time, and job assignment.

Use case:	<b>UC-05:</b> Create new work shifts
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor Clicks “Create New Shift”</li><li>2. Actor fills in the required information to create a work shift</li><li>3. Actor clicks “Add Shift”</li><li>4. End use case</li></ol>
Extensions:	2a) Data not valid <ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 2</li></ol>

## 6. Edit existing work shift

HR Manager can modify the details of an existing work shift, such as changing the time or reassigning employees.

Use case:	<b>UC-06:</b> Edit existing work shifts
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor selects a shift</li><li>2. Actor clicks “Edit Shift”</li><li>3. Actor changes some specific details of the work shift.</li><li>4. Actor Clicks “save”</li><li>5. System shows that the shift is saved successfully.</li><li>6. End use case</li></ol>
Extensions:	2a) No Shift Selected <ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 1</li></ol>

### 7. View existing work shift

The HR Manager can check the details of an existing work shift, including the date, time, and employees assigned.

Use case:	<b>UC-07:</b> View existing work shifts
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor clicks on "Schedule"</li><li>2. System shows all Shifts are shown for the week</li><li>3. End use case</li></ol>
Extensions:	

### 8. Delete existing work shift

The HR Manager can remove a work shift from the system, ensuring that it no longer affects scheduling.

Use case:	<b>UC-08:</b> Delete existing work shifts
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor selects the desired shift</li><li>2. Actor clicks "Remove Shift"</li><li>3. System shows that the shift has been removed</li><li>4. End use case</li></ol>
Extensions:	2a) No Shift Selected <ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 1</li></ol>

### 9. Assign employees to work shift

HR Margin can assign employees to specific work shifts, ensuring proper staffing.

Use case:	<b>UC-09:</b> Assign employees to work shifts
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor selects a shift</li><li>2. Actor clicks "Add" to assign an employee</li><li>3. Actor selects an employee</li><li>4. Actor clicks "Add Shift"</li><li>5. System shows adding successful</li><li>6. End use case</li></ol>
Extensions:	<ol style="list-style-type: none"><li>1a) No Shift Selected<ol style="list-style-type: none"><li>1. System shows Error</li><li>3. Return to step 1</li></ol></li><li>3a) No Employee Selected<ol style="list-style-type: none"><li>1. System shows Errors</li><li>2. Return to step 1</li></ol></li></ol>

### 10. View work shift of specific employee

HR Manager can see a particular employee's assigned work shifts to manage their schedule effectively.

Use case:	<b>UC-10:</b> View work shifts of specific employee
Actor:	HR Manager
Pre-condition:	Be logged in
Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor selects employee</li><li>2. Actor looks at schedule</li><li>3. Schedule is shown for the specific employee</li></ol>
Extensions:	<ol style="list-style-type: none"><li>2a) Actor does not select an employee<ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 1</li></ol></li></ol>

### 11. Remove employee from work shift

HR Manager can remove an employee from a specific work shift when necessary.

Use case:	<b>UC-11:</b> Remove employee from work shift
Actor:	HR Manager
Pre-condition:	Be logged in
1. Main Success Scenario:	<ol style="list-style-type: none"><li>1. Actor opens employees list for the shift</li><li>2. Actor selects the desired employee</li><li>3. Actor clicks "Remove"</li><li>4. System shows that the employee has been removed from the work shift</li><li>5. End use case</li></ol>
Extensions:	<p>2a) No Employee Selected</p> <ol style="list-style-type: none"><li>1. System shows error</li><li>2. Return to step 1</li></ol>

### Should Have Use Cases:

#### 1. Assign System Roles:

- The HR Manager can allocate system roles and permissions to users, ensuring appropriate access levels.

#### 2. Create New Products:

- Depot Workers can add new products to the system, including details like name, description, and price.

#### 3. Edit Existing Products:

- Depot Workers can update the information of existing products, such as changing their price or description.

#### 4. View Existing Products:

- Sales Representative and Depot Workers can browse the list of products available in the system, viewing details like name and price.

#### 5. Delete Existing Products:

- Depot Workers can remove products from the system when necessary.

### Could Have Use Cases:

#### 1. View Statistics of Employee:



- The system can provide statistics and performance metrics for employees, allowing managers to review their work history and achievements.
- 2. Check In and Check Out of Work Shifts for Employee:**
- Employees can use the system to check in when they start a work shift and check out when they finish, allowing for better attendance tracking.

## **ii. Functional Requirements**

- **Usability:**
- **Security:**
- **Compatibility:**
- **Scalability:**