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URS Document



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## Agreement with client

Deliverables in the 6th week (app, MOSCOW list)

Focus on the employee management-first priority

Showing some features after implementing

## Functional requirements

### App

**Admin**

* AFR-01: Admins should be able to create an employee account
* AFR-02: Admins should be able to deactivate/delete an employee account
  + By deactivating an account due to an employee terminating their contract for any reason, the employee’s data is not removed from the database
* AFR-03: Admins should be able to update an employee account’s information
* The email, password, contract type, wage and position are updatable
* AFR-04: Admins should be able to see all statistics
  + The statistics will only be about employees for the first release
* AFR-05: Admins should be able to see all the shift schedules
* AFR-06: Admins should be able to assign an employee to a shift
* AFR-07: Admins should be able to remove employees from a shift
* AFR-08: Admins should be able to see an overview of all employees

**Manager**

* MFR-01: Managers should be able to see all statistics
  + The statistics will only be about employees for the first release
* MFR-02: Managers should be able to see all the shift schedules
* MFR-03: Managers should be able to see an overview of all employees

**Employee**

* EFR-01: Employees should be able to see their own shift schedule

## Use cases

Diagram, schematic

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Use case diagram

**Use case: Create an employee account**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to create a new employee account
2. System requests for the required fields to be filled in
3. Admin fills in the information fields and confirms
4. System confirms the employee has been added successfully

**Extensions:**

1a: There are empty information fields

.1: System displays an empty information field error message

.2: Return to MSS step 2

2a: The employee already exists

.1: System displays an error message stating that an employee with such account information already exists

.2: Return to MSS step 2

3a: Some of the filled information is not valid

.1: System displays an error message stating that some of the filled information is not valid

.2: Return to MSS step 2

**Use case: Deactivate/remove an employee’s account**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to the list of employees
2. System shows the list of employees
3. Admin selects an employee’s account to remove and confirms
4. System removes the employee’s account

**Extensions:**

1a: An employee is not selected

.1: System displays an error message stating an employee was not selected

.2: Return to MSS step 2

**Use case: Assign an employee to a shift**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to assign an employee to a shift
2. System requests a day to be selected
3. Admin selects a day
4. System requests a shift to be selected
5. Admin selects a shift
6. System requests the user to select an employee to be assigned
7. Admin selects the employee and confirms
8. System confirms the employee has successfully been assigned to the shift

**Extensions:**

1a: A shift is not selected

.1: System displays an error message

.2: Return to MSS step 4

2a: An employee is not selected

.1: System displays an error message

.2: Return to MSS step 6

3a: The employee already has 2 shifts for the day

.1: System displays an error message

.2: Return to MSS step 6

4a: There are 10 employees assigned to the selected shift

.1: System displays an error message

.2: Return to MSS step 4

**Use case: Remove an employee from a shift**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to remove an employee from a shift
2. System requests a day to be selected
3. Admin selects a day
4. System requests a shift to be selected
5. Admin selects a shift
6. System requests an employee to be selected
7. Admin selects an employee and confirms
8. System removes the selected employee from the shift

**Extensions:**

1a: A shift is not selected

.1: System displays an error message

.2: Return to MSS step 4

2a: An employee is not selected

.1: System displays an error message

.2: Return to MSS step 6

**Use case: Update information for employee account**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to update information for an employee’s account
2. System shows the fields that can be edited
3. Admin edits the information
4. System confirms the employee's information has been updated successfully

**Extensions:**

1a: There are empty information fields

.1: System displays an empty information field error message

.2: Return to MSS step 2

2a: Some of the filled information is not valid

.1: System displays an error message stating that some of the filled information is not valid

.2: Return to MSS step 2

**Use case: Displaying statistics of the shop (Admin)**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to see the statistics
2. System shows the statistics

**Use case: Displaying schedule**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to see the schedule
2. System shows the schedule for all employees

**Use case: Displaying an overview of all employees**

**Actor: Admin**

**Main Success Scenario:**

1. Admin goes to see an overview of all employees
2. System shows the overview

**Use case: Displaying statistics of the shop (Manager)**

**Actor: Manager**

**Main Success Scenario:**

1. Manager goes to see the statistics
2. System shows the statistics

**Use case: Displaying schedule**

**Actor: Manager**

**Main Success Scenario:**

1. Manager goes to see the schedule
2. System shows the schedule for all employees

**Use case: Displaying an overview of all employees (Manager)**

**Actor: Manager**

**Main Success Scenario:**

1. Manager goes to see an overview of all employees
2. System shows the overview

**Use case: Displaying schedule for employee**

**Actor: Employee**

**Main Success Scenario:**

1. Employee goes to see their schedule
2. System shows his/her own schedule

## Wireframes

#### Log In

* + - Graphical user interface

      Description automatically generatedUser Authentication via email and password

### Administrator

#### Administrator – main page

* + - After logging in as administrator, this page will show up
    - Administrators have the options to:
      * Click on one of the three buttons on the left side of the page (redirects them to the selected page)
      * See and filter a list of all employees (filter by nationality, type of contract)

Graphical user interface

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#### Administrator – sub pages

##### Employee management

* + - Administrators can Add, Update (redirects after pressing corresponding button) and Remove employees (by selecting employee in the list and pressing button)

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##### Administrator - schedule

* + - Administrators can assign to or remove employees from shifts

A picture containing text

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##### Administrator – Statistics

* + - Administrator can see graphs with statistics

A picture containing text, businesscard, screenshot

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### Manager

#### Manager – main page

* + - The managers’ main page is basically the same as the administrators’, but managers have no access to the Employee management button

Graphical user interface, application

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#### Manager – Schedule

* + - Managers can only see the schedule, but they can’t edit it

Graphical user interface

Description automatically generated with low confidence

#### Manager – Statistics

* + - Managers can see the same statistics as the administrators

A picture containing text, businesscard, screenshot

Description automatically generated

### Worker

#### Worker – Main page

* + - Workers can see their own schedule and re-shelf requests

A picture containing graphical user interface

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