

HUMAN RESOURCES

Overview

You need to create an application to work with departments and employees in an organization. The application should contain functions:

- Show a list of all departments,
- Show a list of all employees,
- Add information about a new department,
- Add information about a new employee,
- Edit department information,
- Edit employee information,
- Delete department information,
- Delete employee information.

1. Departments

1.1 Show a list of departments

This program mode shows a list of all departments, the average salary and the number of employees.

LOGO	DEPARTMENT	EMPLOYEE
DEPARTMENTS		+ Add
Title	Avg salary	Number of employees
IT	1150	2
MANAGEMENT	630	1
SECURITY	950	1

Picture 1

Main scenario:

1. The page is the start page of the application (Pic.1).
2. The table displays columns:
 - "Title" – the name of the department,
 - "Average salary" – the average salary by department,
 - "Number of employees" – the number of employees in the department.

1.2 Create a new Department

This program mode is used to add a new Department.

LOGO	DEPARTMENT	EMPLOYEE
DEPARTMENTS		+ Add
Title	Avg salary	Number of employees
IT	1150	2
MANAGEMENT	630	1
SECURITY	950	1

Picture 2

LOGO DEPARTMENT EMPLOYEE

CREATE DEPARTMENT + Add

Department name:

CANCEL SAVE

Picture 3

Main scenario:

1. The user clicks the "Add" button (Pic.2). A form for creating a new Department is displayed (Pic.3).
2. The user enters information about the new department and clicks the "Save" button.
3. If the data is entered correctly, the information is added to the database.
4. If the information has been successfully added, the mode of viewing the list of departments with updated data will open.

Undo script:

1. The user clicks the "Add" button. A form for creating a new Department is displayed.
2. The user clicks the "Cancel" or "Departments" button, or on the logo icon.
3. Information is not added to the database.
4. The view mode of the list of departments without changes opens.

1.3 Update a Department

This program mode is designed for editing a Department.

Title	Avg salary	Number of employees	
IT	1150	2	Edit Delete
MANAGEMENT	630	1	Edit Delete
SECURITY	950	1	Edit Delete

Picture 4

LOGO DEPARTMENT EMPLOYEE

UPDATE DEPARTMENT + Add

Department name:

MANAGEMENT

CANCEL UPDATE

Picture 5

Main scenario:

1. The user clicks the "Edit" button (Pic.4). The form for updating the information of the selected department opens (Pic.5).

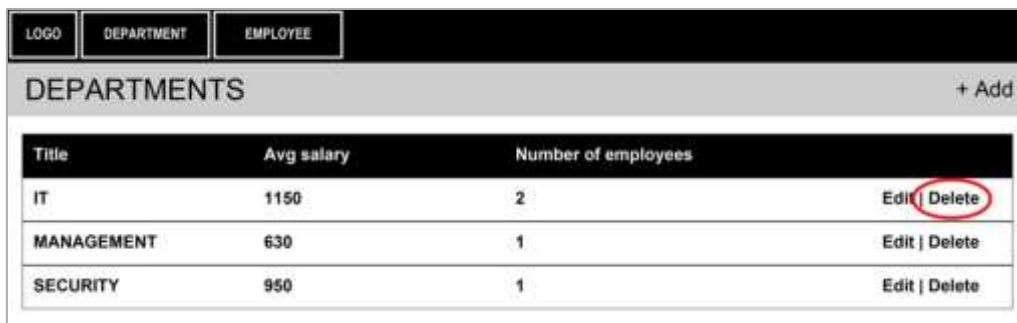
2. The user changes the information and clicks the "Save" button;
3. If the data is entered correctly, the information is updated in the database;
4. If the information is changed successfully, the mode of viewing the list of departments with updated data opens.

Undo script:

1. The user clicks the "Edit" button. The form for updating the information of the selected department opens.
2. The user clicks the "Cancel" or "Departments" button, or on the logo icon.
3. Information is not updated to the database.
4. The view mode of the list of departments without changes opens.

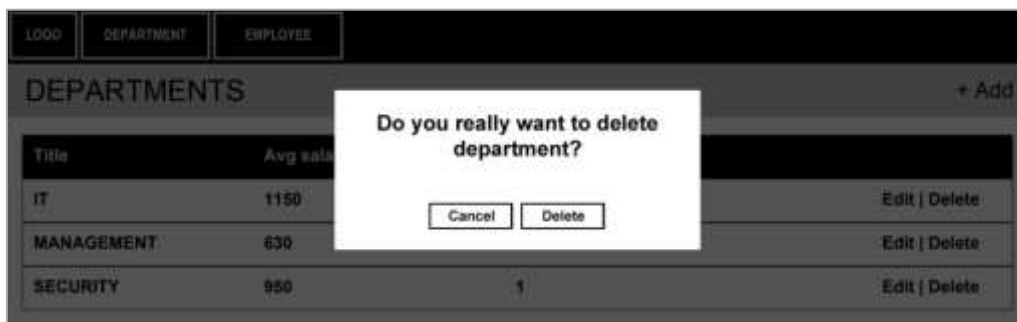
1.4 Delete a Department

This program mode is used to delete a Department.



Title	Avg salary	Number of employees	
IT	1150	2	Edit Delete
MANAGEMENT	630	1	Edit Delete
SECURITY	950	1	Edit Delete

Picture 6



Picture 7

Main scenario:

1. The user clicks the "Delete" button (Pic.6).
2. A modal window will appear with the text "Are you sure you want to delete the department?" and the "Cancel" and "Delete" buttons (Pic.7).
3. The user clicks the "Delete" button.
4. Information about the department in the database is deleted.
5. The modal window is closed. An updated list of departments appears.

Undo script:

1. The user clicks the "Delete" button (Pic.6).
2. A modal window will appear with the text "Are you sure you want to delete the department?" and the "Cancel" and "Delete" buttons (Pic.7).
3. The user clicks the "Cancel" button or clicks past the modal window.
4. The modal window is closed.

2. Employees

2.1 Show a list of employees

This program mode shows a list of all employees.

LOGO

DEPARTMENT

EMPLOYEE

EMPLOYEES

+ Add

Name	Email	Salary	Department	
Ivan Ivanov	ivanov@mail.com	1000	IT	Edit Delete
Petr Petrov	petrov@mail.com	900	MANAGEMENT	Edit Delete
Vasili Pupkin	pupkin@mail.com	800	SECURITY	Edit Delete

Picture 8

The main scenario:

1. The user, while in the view of the list of departments, clicks the "Employees" button.
2. A table of all employees is displayed (Pic. 8);
3. The following columns are displayed in the table:
 - "Name" - the employee's first and last name,
 - "Email" - employee's email address,
 - "Salary" - employee's salary,
 - "Department" - the department where the employee works.

2.2 Create a new Employee

This program mode is used to add a new Employee.

LOGO

DEPARTMENT

EMPLOYEE

EMPLOYEES

+ Add

Name	Email	Salary	Department	
Ivan Ivanov	ivanov@mail.com	1000	IT	Edit Delete
Petr Petrov	petrov@mail.com	900	MANAGEMENT	Edit Delete
Vasili Pupkin	pupkin@mail.com	800	SECURITY	Edit Delete

Picture 9

LOGO	DEPARTMENT	EMPLOYEE
CREATE EMPLOYEE		+ Add
Employee first name:		
<input type="text"/>		
Employee last name:		
<input type="text"/>		
Employee email:		
<input type="text"/>		
Employee salary:		
<input type="text"/>		
Employee department:		
<input type="text" value="IT"/>		
<input type="button" value="CANCEL"/> <input type="button" value="SAVE"/>		

Picture 10

Main scenario:

1. The user, while in the view of the list of departments, clicks the "Employees" button.
2. The user clicks the "Add" button (Pic.9). A form for creating a new Employee is displayed (Pic.10).
3. The user enters information about the new employee and clicks the "Save" button.
4. If the data is entered correctly, the information is added to the database.
5. If the information has been successfully added, the mode of viewing the list of employees with updated data will open.

Undo script:

1. The user, while in the view of the list of departments, clicks the "Employees" button.
2. The user clicks the "Add" button (Pic.9). A form for creating a new Employee is displayed (Pic.10).
3. The user clicks the "Cancel" or "Employees" button, or on the logo icon.
4. Information is not added to the database.
5. The view mode of the list of employees without changes opens.

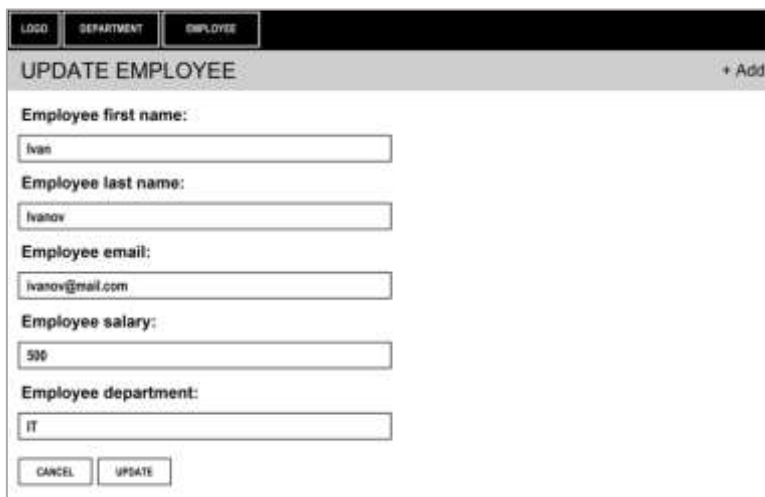
2.3 Update an Employee

This program mode is designed for editing an Employee.



Name	Email	Salary	Department	
Ivan Ivanov	ivanov@mail.com	1000	IT	Edit Delete
Petr Petrov	petrov@mail.com	900	MANAGEMENT	Edit Delete
Vasili Pupkin	pupkin@mail.com	800	SECURITY	Edit Delete

Picture 11



LOGO	DEPARTMENT	EMPLOYEE
UPDATE EMPLOYEE + Add		
Employee first name: <input type="text" value="Ivan"/>		
Employee last name: <input type="text" value="Ivanov"/>		
Employee email: <input type="text" value="ivanov@mail.com"/>		
Employee salary: <input type="text" value="900"/>		
Employee department: <input type="text" value="IT"/>		
<input type="button" value="CANCEL"/> <input type="button" value="UPDATE"/>		

Picture 12

Main scenario:


1. The user, while in the view of the list of departments, clicks the "Employees" button.
2. The user clicks the "Edit" button (Pic.11). The form for updating the information of the selected employee opens (Pic.12).
3. The user changes the information and clicks the "Save" button;
4. If the data is entered correctly, the information is updated in the database;
5. If the information is changed successfully, the mode of viewing the list of employees with updated data opens.

Undo script:

1. The user, while in the view of the list of departments, clicks the "Employees" button.
2. The user clicks the "Edit" button (Pic.11). The form for updating the information of the selected employee opens (Pic.12).
3. The user clicks the "Cancel" or "Employees" button, or on the logo icon.
4. Information is not updated to the database.
5. The view mode of the list of employees without changes opens.

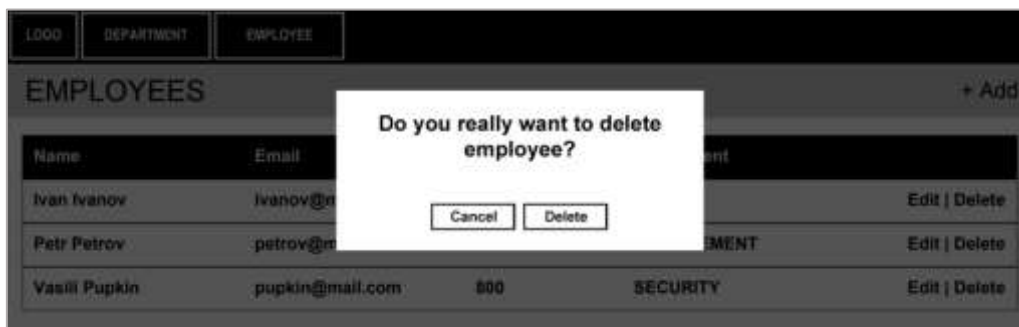
2.4 Delete an Employee

This program mode is used to delete an Employee.



Name	Email	Salary	Department	
Ivan Ivanov	ivanov@mail.com	1000	IT	Edit Delete
Petr Petrov	petrov@mail.com	900	MANAGEMENT	Edit Delete
Vasili Pupkin	pupkin@mail.com	800	SECURITY	Edit Delete

Picture 13



Picture 14

Main scenario:

1. The user clicks the "Delete" button (Pic.13).
2. A modal window will appear with the text "Are you sure you want to delete the employee?" and the "Cancel" and "Delete" buttons (Pic.14).
3. The user clicks the "Delete" button.
4. Information about the employee in the database is deleted.
5. The modal window is closed. An updated list of employees appears.

Undo script:

1. The user clicks the "Delete" button (Pic.13).
2. A modal window will appear with the text "Are you sure you want to delete the employee?" and the "Cancel" and "Delete" buttons (Pic.14).
3. The user clicks the "Cancel" button or clicks past the modal window.
4. The modal window is closed.