

# Department manager

## Vision

"Department manager" is web-application which allows users to manage information about employees and departments.

Application should provide:

- Storing data related to departments and employees in database;
- Display list of departments;
- Update list of departments (adding, editing, removing);
- Update list of employees (adding, editing, removing);
- Display list of all employees;
- Filtering by date for list of employees;
- Filtering by id for list of departments and list of employees;
- Filtering by Department name and name for list of departments and list of employees respectively;

## 1. Departments

### 1.1 Display list of departments

The mode is designed to view the list of the departments.

#### *Main Scenario:*

- User selects item item "Departments";
- Application displays list of Departments;



Pic. 1.1 view the list of departments.

The list displays following columns:

- id - unique identifier of department;
- Department name - full name of department;

#### *Search:*

- User selects search bar, and enters department name to search for department with specified department name;
- List of suitable departments is displayed;

#### *Filtering by any field:*

- Click on "id", "Department name" to sort by these values;

- By default the table is sorted by "id";
- By clicking twice, sort order changes from ascending to descending;

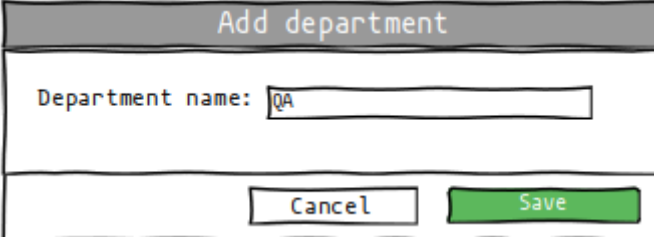
## 1.2 Add department

### *Main Scenario:*

- User clicks "Add" button in the departments list view mode;
- Application displays form to enter data;
- User enters data and presses "Save" button;
- If any input data is incorrect, then incorrect data message will be displayed;
- If input data is correct, then record is added to data base;
- If error occurs, then error message is displayed;
- If new department record is added successfully, then updated list of departments will be shown;

### *Cancel operation scenario:*

- User clicks "Add" button in the departments list view mode;
- Application displays form to enter data;
- User clicks on "Cancel" button;
- Data isn't saved to data base and the list of departments is displayed;



Pic. 1.2 add department.

When adding a department, the following details are entered:

- Department name - full name of department;

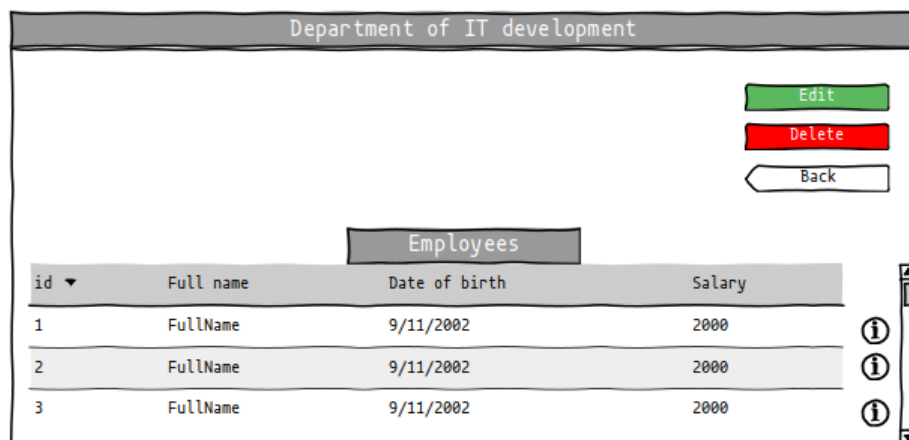
Constraints for data validation:

- Department name - maximum length of 60 characters;

## 1.3 Department view mode:

### *Main Scenario:*

- User clicks "Info" button in the departments list view mode;
- Detailed info about the department is displayed;



Pic. 1.3 view department.

#### 1.4 Edit department

##### *Main Scenario:*

- User clicks "Edit" button in the department view mode;
- Application displays form to enter data;
- User enters data and presses "Save" button;
- If any input data is incorrect, then incorrect data message will be displayed;
- If input data is correct, then record is added to data base;
- If error occurs, then error message is displayed;
- If new department record is edited successfully, then updated department will be shown;

##### *Cancel operation scenario:*

- User clicks "Edit" button in the departments list view mode;
- Application displays form to enter data;
- User clicks on "Cancel" button;
- Data isn't saved to data base and the department view mode is displayed;

The screenshot shows a web application window titled "Edit department". It contains a form with a label "Department name:" followed by a text input field containing the text "QA". At the bottom of the form, there are two buttons: "Cancel" (white with a grey border) and "Save" (green).

Pic. 1.4 edit department.

When editing a department, the following details are entered:

- Department name - full name of department;

Constraints for data validation:

- Department name - maximum length of 60 characters;

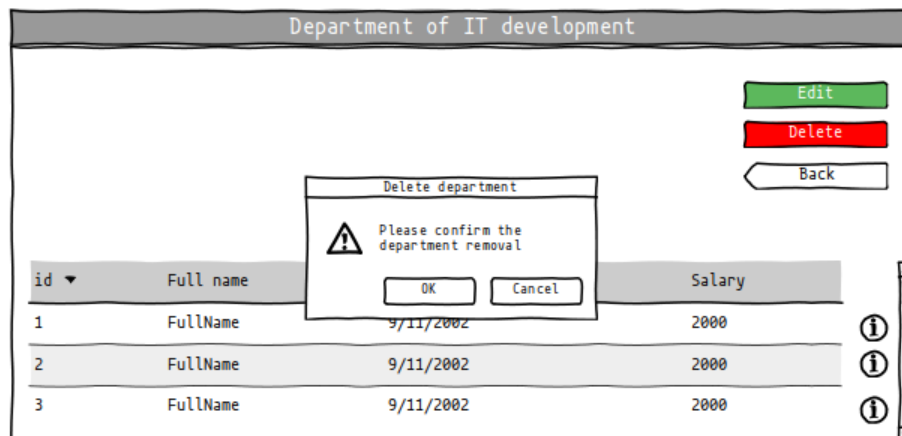
## 1.5 Remove department

### *Main Scenario:*

- The user, while in the department view, presses the "Delete";
- If the department can be removed, a confirmation dialog is displayed;
- The user confirms the removal of specified department;
- Department is removed from data base;
- If error occurs, then error message will be displayed;
- If department removal is successful, then updated list of departments is displayed;

### *Cancel operation scenario:*

- The user, while in the department view, presses the "Delete" button;
- If the department can be removed, a confirmation dialog is displayed;
- The user aborts the removal of specified department;
- Department is not removed from data base;
- If error occurs, then error message will be displayed;
- If department removal abortion is successful, then department view is displayed;



Pic. 1.5 delete department.

## 2. Employees

### 2.1 Display list of all employees

The mode is designed to view the list of the employees, and some related info: id, Department name, Full name, birth date, salary.

### *Main Scenario:*

- User selects item "All employees";
- Application displays list of employees;

id	Department name	Full name	Date of birth	Salary
1	Department of IT development	FullName	9/11/2002	2000
2	Department of IT development	FullName	9/11/2002	2000
3	Department of IT development	FullName	9/11/2002	2000

Pic. 2.1 view the list of all employees.

The list displays following columns:

- id - unique identifier of employee;
- Department name - employee's department;
- Full name - name, surname, patronymic of employee;
- Birth date;
- Salary;

***Search:***

- User selects search bar, and enters department name/full name/birth date/salary to search for employee with specified department name/full name/birth date/salary;
- List of suitable employees is displayed;

***Filtering by any field:***

- Click on "id", "Department name", "Full name", "Birth date", "Salary" to sort by these values;
- By default the table is sorted by "id";
- By clicking twice, sort order changes from ascending to descending;

## 2.2 Display list of department employees

The mode is designed to view the list of the employees from particular department, and some related info: id, Department name, Full name, employment/dismissal date

***Main Scenario:***

- User clicks "Info" button in the departments list view mode;
- Application displays list of employees for specified department;



Pic. 2.3 add employee.

## 2.4 Employee view mode:

### *Main Scenario:*

- User clicks "Info" button in the department view mode or in the all employee list view mode;
- Detailed info about the employee is displayed;

Pic. 2.4 view employee.

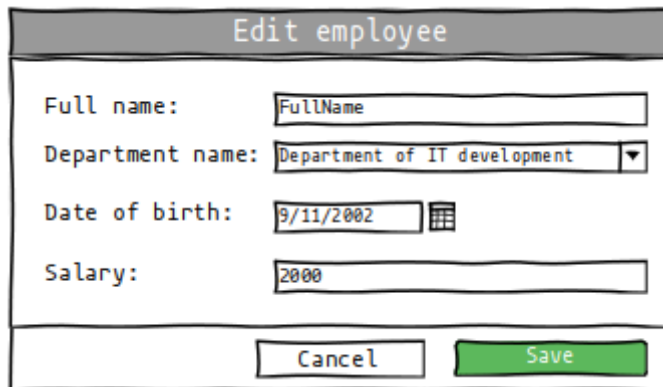
## 2.5 Edit employee

### *Main Scenario:*

- User clicks "Edit" button in the employee view mode;
- Application displays form to enter data;
- User enters data and presses "Save" button;
- If any input data is incorrect, then incorrect data message will be displayed;
- If input data is correct, then record is added to data base;
- If error occurs, then error message is displayed;
- If new employee record is edited successfully, then updated employee will be shown;

***Cancel operation scenario:***

- User clicks "Edit" button in the employee list view mode;
- Application displays form to enter data;
- User clicks on "Cancel" button;
- Data isn't saved to data base and the employee is displayed;



Pic. 2.5 edit employee.

When editing a employee, the following details are entered:

- id - unique identifier of employee;
- Department name - employee's department;
- Full name - name, surname, patronymic of employee;
- Birth date;
- Salary;

Constraints for data validation:

- Department name - maximum length of 60 characters;
- Full name - maximum length of 90 characters;

## **2.6 Remove employee**

***Main Scenario:***

- The user, while in the employee view, presses the "Delete" button;
- If selected employee can be removed, a confirmation dialog is displayed;
- The user confirms the removal of specified employee;
- Employee is removed from data base;
- If error occurs, then error message will be displayed;
- If employee removal is successful, then updated list of employees is displayed;

***Cancel operation scenario:***

- The user, while in the employee view, presses the "Delete" button;
- If selected employee can be removed, a confirmation dialog is displayed;
- The user aborts the removal of specified employee;
- Employee is not removed from data base;
- If error occurs, then error message will be displayed;



- If employee removal abortion is successful, then employee view is displayed;

The image is a hand-drawn UI mockup of a software interface. At the top, there is a grey header bar with the text 'FullName'. Below this, the main area is divided into two sections. The left section contains three labels: 'Department na', 'Date of birt', and 'Salary:'. The right section contains three empty input fields. Overlaid on top of these input fields is a white rectangular dialog box with a blue border. The dialog box has a title bar that says 'Delete employee'. Inside the dialog, there is a warning icon (a triangle with an exclamation mark) followed by the text 'Please confirm deletion of employee record'. Below this text are two buttons: 'OK' and 'Cancel'. At the bottom of the main interface, there are three buttons: 'Back' (a white button with a left-pointing arrow), 'Delete' (a red button), and 'Edit' (a green button).

Pic. 2.6 delete employee.