

# Development team

## Vision

Requires a web application to work with the project.

The application should implement the following functions:

- view a list of projects;
- the ability to edit and delete data for each project;
- ability to add a new project with the appointment of developers participating in the project;
- display the number of developers for each project;
- the ability to give a description of each project;
- view a list of developers;
- the ability to edit and delete data for each developer;

## 1. Projects

### 1.1. View a list of projects.

This mode is intended for viewing the list of projects and the number of developers assigned to each project.

The main scenario:

- the user selects the menu item "Projects".
- the form for viewing the list of all projects is displayed.

Projects	Developers	Create new project	Update
List of projects			
Filter from	///	to	///
Project id	Date added	The number of developers	
1	2018.07.14	2	Edit Delete Description
2	2019.02.15	1	Edit Delete Description
3	2019.09.08	3	Edit Delete Description
4	2020.01.14	2	Edit Delete Description

Figure 1.1.1. Project List

There are following columns in the list:

- Project id;
- Date of registration of the project;
- The number of developers participating in the project;

Filtration:

- to view the list of projects, it is possible to filter projects by the date of their addition;

- the start date of the filter should not be greater than the end date of the filter;
- if data is not entered, then filtering is not performed;
- if the value of the start date is not entered, then filtering is performed by the end date;
- if the end date is not entered, then filtering is performed by the start date;
- the default filter is set to display all projects;
- data is updated after selecting a filter by clicking on the “Update” button.

## 1.2. Adding a new project

The main scenario:

- the user, being in the view mode of the list of projects, presses the “create new project” button;
- the window for adding a new project is displayed;

Projects		Developers		Return	Save
<h1>Create project</h1>					
Description		Write a description of the project here.			
Add developer				Add developer	
Sara	Connor	Edit	Delete		
Vasiliy	Petrov	Edit	Delete		
Petr	Vasiliy	Edit	Delete		

Figure 1.2.1. Window for adding a new project

- the user fills the line “Description”;
- the user adds the developers participating in the project by clicking the “Add developer” button;
- a window for adding developers participating in the project is displayed;

Projects	Developers
<h1>Add to project</h1>	
<input type="text"/> ▼	
<input type="button" value="return"/> <input type="button" value="Add"/>	

Figure 1.2.2. Window for adding developers participating in the project

- by clicking on the “Add” button we add the corresponding developer to participate in the project;
- click the “Save” button, after which the project is added to the database;
- if a project is added, an updated form for viewing all projects opens.

### Scenario to cancel adding a project:

- the user, being in the view mode of all projects, clicks on the “create new project” button;
- the form for adding a new project is displayed;
- the user enters data and presses the “return” button;
- the project is not saved to the database and a window for viewing all projects is displayed.

### **1.3. Project editing**

#### The main scenario:

- the user, being in the view mode of all projects, clicks on the “Edit” button;
- the project editing window opens;

Projects		Developers		Return	Save
<b>Edit of project</b>					
Description		Write a description of the project here.			
Add developer				Add developer	
Sara	Connor	Edit	Delete		
Vasily	Petrov	Edit	Delete		
Petr	Vasiliy	Edit	Delete		

Figure 1.3.1. Project Editing Window

- the user fills in or adjusts the line “Description”;
- the user adds or removes the developers participating in the project by clicking the “Add developer” or “Delete” button;
- clicking the “Delete” button deletes the corresponding developer to participate in the project;
- clicking the “Add developer” button displays a window for adding developers participating in the project;

Projects	Developers
<b>Add to project</b>	
<input type="text"/>	
<input type="button" value="return"/> <input type="button" value="Add"/>	

Figure 1.3.2. Window for adding developers participating in the project

- click the “Save” button, after which the project is added to the database;
- if the project is updated, an updated form for viewing all projects opens.

### Project update cancellation scenario:

- the user, being in the view mode of all projects, clicks on the “Edit” button;
- the project update form is displayed;
- the user enters data and presses the “return” button;
- the project is not updated in the database and a window for viewing all projects is displayed.

## **1.4. Delete project**

### Main scenario:

- the user, being in the view mode of all projects, clicks on the “Delete” button;
- The confirmation dialog for deletion opens;

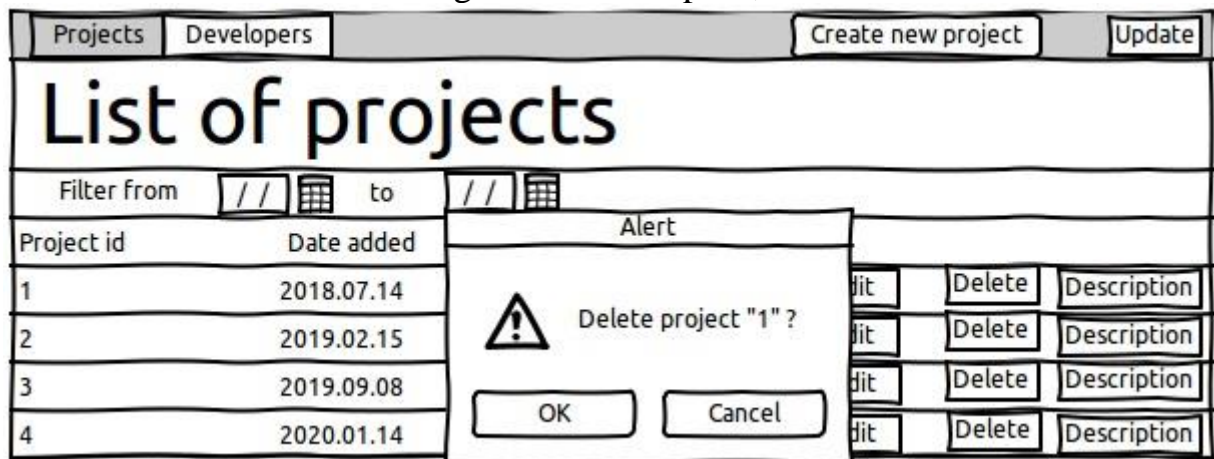


Figure 1.4.1. Project Delete Confirmation Window

- the user clicks “OK”;
- the project is deleted from the database;
- if the project was successfully deleted, the window for viewing all projects opens.

### Uninstall cancellation scenario:

- the user, being in the view mode of all projects, clicks on the “Delete” button;
- a confirmation dialog for deletion opens;
- the user clicks “Cancel”;
- the project is not deleted from the database and a window for viewing all projects opens.

## 2. Developers

### 2.1. View a list of developers

This mode is intended for viewing the list of developers.

The main scenario:

- the user selects the menu item “Developers”;
- the form for viewing the list of all developers is displayed;



Firstname	Lastname		
Jon	Connor	Edit	Delete
Sara	Connor	Edit	Delete
Vasiliy	Petrov	Edit	Delete
Petr	Vasiliyv	Edit	Delete

Figure 2.1.1. View a list of developers

There are following columns in the list:

- “Firstname” - the name of the developer;
- “Lastname” - the surname of the developer;

### 2.2 Adding a developer

The main scenario:

- the user, being in the view mode of all developers, clicks the “Add developer” button;
- the form for adding a user is displayed;



Firstname	Lastname
Olga	Beauti

Figure 2.2.1 Developer Add Form

- the user enters data and clicks the “Save” button;
- if the data is correct, then the data about the developer is saved in the database;

- if an error occurred while saving data, an error message is displayed storing data;
- if the data has been successfully added, a display form opens for all developers with updated data.

#### Developer add cancellation scenario:

- the user, being in the view mode of all developers, clicks the "Add developer" button;
- the form for adding a user is displayed;
- the user enters data and presses the "Return" button;
- data is not stored in the database;
- a display form opens for all developers.

### **2.3. Editing developer data**

#### The main scenario:

- the user, while in the view mode of all developers, presses the "Edit" button located in the line of the selected developer;
- the developer editing form is displayed;
- the user changes the developer's data and clicks the "Save" button;
- if the data is entered incorrectly, a warning is displayed about incorrectly entered data;
- if the data is entered correctly, then the developer data is saved in the database and a form for displaying all developers with updated data opens;

#### Change cancellation scenario:

- the user, while in the view mode of all developers, presses the "Edit" button located in the line of the selected developer;
- the editing form is displayed;
- the user changes the developer's data and presses the "Return" button;
- a display form opens for all developers.

### **2.4. Deleting developer data**

#### Main scenario:

- the user, while in the view mode of all developers, presses the "Delete" button located in the line of the selected developer;
- The confirmation dialog for deletion opens;
- the user clicks "OK";
- data about the developer is deleted from the database;
- if the data about the developer is successfully deleted, a window opens for viewing all developers with updated data.



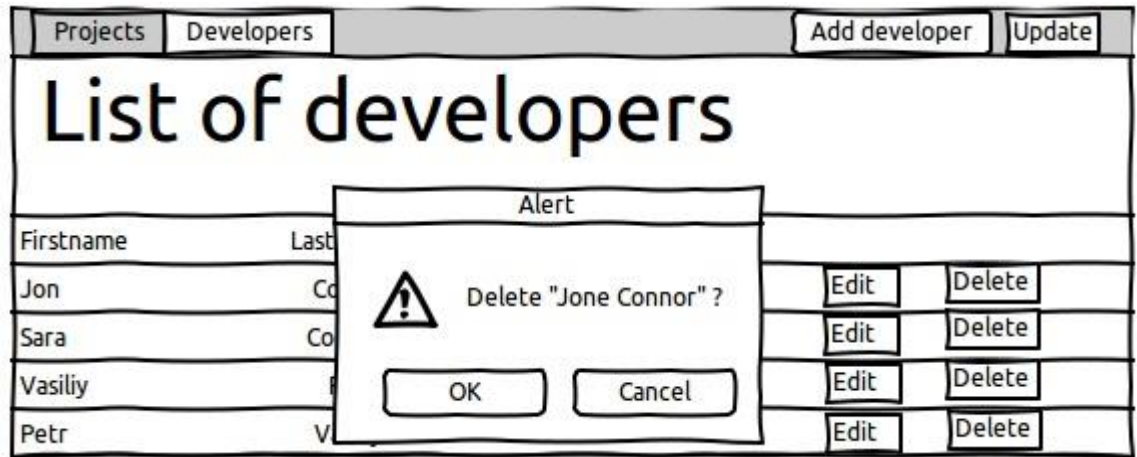


Figure 2.4.1. Developer data deletion confirmation window

Uninstall cancellation scenario:

- the user, being in the viewing mode of all developers, clicks on the “Delete” button;
- a confirmation dialog for deletion opens;
- the user clicks “Cancel”;
- data about the developer is not deleted from the database and a window for viewing all developers opens.