

User Guideline

The project should be downloaded to the machine. In order to execute the project, Node.js version +14 should be installed. Inside of the project source folder, there are two folders that are named as Server and Client. Firstly, on the terminal, the directory should be changed to **“Server”** folder. Then, **“npm install”** command should be executed. After the installation of modules are finished, **“nodemon”** command can be executed. Then, the backend-side can be executed on **“<http://localhost:5000/>”**. Secondly, another terminal should be opened. Then, the directory should be changed to **“Client”**. Then, **“npm install”** command should be executed. After the installation of modules are finished, **“npm start”** command can be executed. The frontend-side of the project is executed on **“<http://localhost:3000/>”**.

The used libraries are shown below for the project.

Backend: Node.js Rest web services, MySql, Express

Frontend: React.js, Bootstrap

The functionalities of the project are listed below.

1. Upload a text file containing a list of user information and add them into the user list

Mail Campaign

Select a text file to add user

Dosya Seç

Dosya seçilmedi

The text file can be selected by clicking “Dosya seç” button. After file selection, the users are added on the user list shown below.

User List					
Name	Surname	Email	Campaign	Duration (minutes)	
Emre	Yılmaz	test.case.user.2021@gmail.com	14	<input type="radio"/>	<div>EditDelete</div>
Serdar	Dogru	test.case.user.2021@gmail.com	39	<input type="radio"/>	<div>EditDelete</div>
Ebru	Peker	test.case.user.2021@gmail.com		<input type="radio"/>	<div>EditDelete</div>
Naz	Akın	test.case.user.2021@gmail.com	1	<input type="radio"/>	<div>EditDelete</div>

2. Add single user on page

Users can be added manually on the page. If the user's name, surname, and e-mail are entered and then "Add User" button is clicked. The user is inserted to the user list shown above.

Enter user information to add user

3. Delete user

For each user, there is a "Delete" button inserted every user row. If the "Delete" button is clicked, the user is removed from the user list. User list is also updated.

4. Edit user information

For each user, there is also an "Edit" button inserted every user row. If the "Edit" button is clicked, another window is displayed to user. The window is also shown below. If the input fields shown in the window are filled and then "Edit" button is clicked, the user's information shown in the list is updated. If the cross sign shown at right top corner of the windows is clicked, changes are not executed.

Edit User

Enter Name

Enter Surname

Enter E-mail

Edit

5. Send E-mail to users

The e-mail body can be typed on the input field below. The users that will receive the e-mail can be selected via buttons inserted for each user in the user list. Multiple user selection buttons can be selected. After selection of the users, the message can be sent by clicking the "Send E-Mail" button.

Write your message:

Send E-mail

On the message, a custom link is inserted, if the link is clicked, the "Duration" information of user that shows how long it took between the time to send the email and click the link is updated from the list. The link is hidden in "Click me :)" text on the e-mail. In addition, another window containing "Successful :)" text is displayed.

6. Add campaign

A new campaign can be added if the input field below is filled and "Add Campaign" button is clicked. The new campaign can be shown on the campaign table.

Campaigns

Add Campaign

Campaign Name		
Campaign2	<input type="radio"/>	Delete
Campaign3	<input type="radio"/>	Delete

Add user to Campaign

7. Delete Campaign

For each campaign shown in the campaign list, there is a "Delete" button. If the button is clicked, the campaign is removed from the list and the campaign information of users belonging that campaign are also updated from the user list.

8. Add users to a campaign

In order to add user(s) to a campaign, in the user list table, user(s) should be selected from their ratio buttons. The desired campaign also should be selected from its ratio button. Then, “Add user to Campaign” at the bottom of the page, should be clicked. The user list is updated according to the insertion. The process is shown below.

Name	Surname	Email	Campaign	Duration (minutes)
Emre	Yilmaz	test.case.user.2021@gmail.com	14	<input type="radio"/> Edit Delete
Serdar	Dogru	test.case.user.2021@gmail.com	39	<input type="radio"/> Edit Delete
Ebru	Peker	test.case.user.2021@gmail.com	734	<input checked="" type="radio"/> Edit Delete
Naz	Akin	test.case.user.2021@gmail.com		<input type="radio"/> Edit Delete

1.

Write your message:

Send E-mail

Campaigns

Add Campaign

Campaign Name		
Campaign2	<input checked="" type="radio"/>	Delete
Campaign3	<input type="radio"/>	Delete

2.

3.

Add user to Campaign

Kaan Aktürk