

# Frontend Task

Target release	1 Week
Document status	DRAFT
Document owner	@ Ervin Hoxha

## Objective

Create a simple CRUD web application that handles user management. Create user, edit user, delete user.

The application will have 1 main view, which will list all created users, and a second view to create a new user or update an existing user (this view will be a modal that pops up when the Create or Edit actions are clicked). For more details check screenshots attached below or this Figma design:

The application must use JsonPlaceholder services (<https://jsonplaceholder.typicode.com/>) as a fake backend API to handle all CRUD operations. More specifically the /users endpoint will be used for this specific task.

The application must also use Google Places API (<https://developers.google.com/maps/documentation/places/web-service/overview>) to get full address information based on the input that a user is entering in the street field.

## Success metrics

Task is considered 100% completed once the goals below have been reached

Goal	Metric
All CRUD operations working correctly	Create, update, delete actions are working as expected
Interfacing with Google Places API	When user starts typing in the address, it starts showing suggestions that were returned by Google Places API and once an option is selected it automatically fills in all the remaining address fields
Applying design from Figma	The Figma design for this application is applied to the project and is mobile responsive. Figma design can be found at <a href="https://www.figma.com/file/n3Se3BWt97944AyByx1S9l/Tests?node-id=5%3A2">https://www.figma.com/file/n3Se3BWt97944AyByx1S9l/Tests?node-id=5%3A2</a>

## Requirements























Requirement	Notes	Importance
Framework	Vue.JS is highly preferred but React or Angular can also be used	HIGH
Users view	A view that lists some basic infos about created users and has the Edit button on each row. See attached screenshots for more details	HIGH
Create/Update view	A modal which shows up when the Create or Edit button is clicked. See attached screenshots for more details	HIGH
Validation	Fields like email, phone number and website need to have a proper validation so that incorrect values are not accepted	HIGH
Google Places API	Use Google Places API to show address suggestions while user starts typing in the address field.	MID

Checkbox to switch between Address forms	<p>For the address user will have 2 options :</p> <ol style="list-style-type: none"> <li>1. A simpler address form for where user can enter the details manually</li> <li>2. User can check the "Use Google Places" option, in which case 2 more fields will show up, Latitude and Longitude</li> <li>3. The autosuggestion from Google Places API will be activated when user starts to type in the Address bar</li> </ol>	MID
Figma design	<p>There is also a Figma design made specifically for this project. The design needs to be applied to the project and possibly be mobile responsive. The design can be found here <a href="https://www.figma.com/file/n3Se3BWi97944AyByx1S9l/Tests?node-id=5%3A2">https://www.figma.com/file/n3Se3BWi97944AyByx1S9l/Tests?node-id=5%3A2</a></p>	LOW

## User interaction and design

### Users view

This is the view that will show the list of created users. It has the Edit, Delete and also the Create New User actions.

					<a href="#">+ Create New User</a>
ID	Name	Email	Phone	Actions	
119340	Aldo Design	aldodesign@gamil.com	+355 69 54 54 633	 	
113221	John Doe	johndoe@yahoo.com	+355 69 32 32 432	 	
123242	Pocky Doggy	pocky32@gamil.com	+355 69 42 32 123	 	
112233	Tech Guy	tech435@yahoo.com	+355 69 56 75 543	 	
554443	Timo Filoko	timofiloko32@gamil.com	+355 69 43 87 861	 	
645412	Tanya Henderson	tanya32@gmail.com	+355 69 53 63 433	 	
123242	Sarah Miller	sarahmiller@gamil.com	+355 69 94 45 734	 	
119340	Aldo Design	aldodesign@gamil.com	+355 69 54 54 633	 	
113221	John Doe	johndoe@yahoo.com	+355 69 32 32 432	 	
123242	Pocky Doggy	pocky32@gamil.com	+355 69 42 32 123	 	
112233	Tech Guy	tech435@yahoo.com	+355 69 56 75 543	 	

[+ Create New User](#)

ID	Name	Email	Phone	Actions
119340	Aldo Design		+54 54 633	<a href="#">✎</a> <a href="#">✖</a>
113221	John Doe		+32 32 432	<a href="#">✎</a> <a href="#">✖</a>
123242	Pocky Doggy		+42 32 123	<a href="#">✎</a> <a href="#">✖</a>
112233	Tech Guy		+56 75 543	<a href="#">✎</a> <a href="#">✖</a>
554443	Timo Filoko		+43 87 861	<a href="#">✎</a> <a href="#">✖</a>
645412	Tanya Hend		+53 63 433	<a href="#">✎</a> <a href="#">✖</a>
123242	Sarah Miller		+94 45 734	<a href="#">✎</a> <a href="#">✖</a>
119340	Aldo Design		+54 54 633	<a href="#">✎</a> <a href="#">✖</a>
113221	John Doe		+32 32 432	<a href="#">✎</a> <a href="#">✖</a>
123242	Pocky Doggy	pocky32@gmail.com	+33 69 42 32 123	<a href="#">✎</a> <a href="#">✖</a>
112233	Tech Guy	tech435@yahoo.com	+355 69 56 75 543	<a href="#">✎</a> <a href="#">✖</a>

✕

### New User Info

**Full Name**

**Address** ☐ Use Google Location

**Username**

**City**

**Email**

**Zip Code**

**Phone Nr**

[Save](#)

[+ Create New User](#)

ID	Name	Email	Phone	Actions
119340	Aldo Design		+54 54 633	<a href="#">✎</a> <a href="#">✖</a>
113221	John Doe		+32 32 432	<a href="#">✎</a> <a href="#">✖</a>
123242	Pocky Doggy		+42 32 123	<a href="#">✎</a> <a href="#">✖</a>
112233	Tech Guy		+56 75 543	<a href="#">✎</a> <a href="#">✖</a>
554443	Timo Filoko		+43 87 861	<a href="#">✎</a> <a href="#">✖</a>
645412	Tanya Hend		+53 63 433	<a href="#">✎</a> <a href="#">✖</a>
123242	Sarah Miller		+94 45 734	<a href="#">✎</a> <a href="#">✖</a>
119340	Aldo Design		+54 54 633	<a href="#">✎</a> <a href="#">✖</a>
113221	John Doe		+32 32 432	<a href="#">✎</a> <a href="#">✖</a>
123242	Pocky Doggy	pocky32@gmail.com	+33 69 42 32 123	<a href="#">✎</a> <a href="#">✖</a>
112233	Tech Guy	tech435@yahoo.com	+355 69 56 75 543	<a href="#">✎</a> <a href="#">✖</a>

✕

### New User Info

**Full Name**

**Address** ☒ Use Google Location

**Username**

**City**

**Email**

**Zip Code**

**Phone Nr**

**Latitude**

**Longitude**

[Save](#)

When this option is selected, the 2 new fields "Latitude" and "Longitude" will appear at the bottom.

## ? Open Questions

For questions regarding the project please do not hesitate to contact [hr@paperclicks.net](mailto:hr@paperclicks.net)