

Front-End Developer Task

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FRONT-END TASK

The task is to build a basic administration UI panel using the EmberJS framework.

Ember JS Getting Started - <https://guides.emberjs.com/v2.16.0/getting-started/quick-start/>

Guidelines

- The code must be written in an EmberJS environment and must be a pure EmberJS application (do not integrate it with any backend). The application should be just loaded using “ember server” or “ember s”.
- Please use the latest version of EmberJS (see https://guides.emberjs.com/v2.16.0/getting-started/#toc_installation) or any EmberJS version >= ember-cli@2.14.0.
Please state both the EmberJS version and Node.js version with your submission.
- You can use any javascript/node.js/bower/ember.js features and external npm modules that you like.
- We expect an archive/zip file that consists of the EmberJS application source code + the package.json file, **excluding** the node_modules and any other generated/compiled files that are created during ember server command or with npm/bower install.
- If you wish to add test files please provide the command for executing the test suite. (e.g., qunit, mocha, etc.)
- The administration panel layout should be a simple menu/header/main-content one (see attached images). We do not care about the styling of the UI application and you can use any template if you wish to do so.

Ember JS Tutorial Guidelines

We recommend on reading the following sections which are relevant to this submission:

1. <https://guides.emberjs.com/v2.16.0/getting-started/quick-start/>
2. <https://guides.emberjs.com/v2.16.0/tutorial/ember-cli/> (Please skip the “Installing Addons”, “Creating a Handlebars Helper” and the “Deploying” sections)
3. Then you should continue to read the following sections which are offered in <https://guides.emberjs.com/v2.16.0/>:
 - a. The object model
 - b. Routing
 - c. Templates
 - d. Components
 - e. Models

For the purpose of this submission, other sections in the tutorial should be ignored unless we direct you to do so.

Tasks

You will be developing a basic Account records administration panel. The account records should be hardcoded using a JSON file or, provided for the application using Ember Mirage (see <http://www.ember-cli-mirage.com/>) which is a simple JSON API faker that will be used to handle your application API requests (see the models section on the ember guides).



- Upon loading the administration panel Ember application, a list of accounts should be rendered (your default route). You should use a simple list layout (no need for fancy list structure/colors). The accounts list should be rendered in its own route (e.g. `http://localhost:4200/accounts`).
- Clicking on any of the Accounts List items will lead to the rendering of a form that allows the editing of the account record that was clicked. This form should be rendered in a separated route (e.g. `http://localhost:4200/account/10` – where 10 is the account id). This form should have a save/submit button that updates the selected account record.
- Meaningful notifications should be displayed for both success/failure of any of the form submissions.

Accounts List

Application URL:/accounts

(e.g. `http://localhost:4200/accounts`)

In this part of the EmberJS application you’re requested to render a list of account records.

The layout of the list should be loosely based on the sketch below (account_list1.png file) – this is just an example and you’re not required to implement the exact same layout or use the same color scheme:

<input type="checkbox"/>	ID	Reseller	Status	Email	Telephone	FaxNumber	CreationDate	Actions
<input type="checkbox"/>	5829d4e5d0a67901a7ff4afe	fdsfdsf	active	gdfsgdf@gfdgsdf.com			14.11.2016	⋮
<input type="checkbox"/>	asdasdasd	WebsPlanet Demo Reseller	active	asdasd@asd.com			07.11.2016	⋮
<input type="checkbox"/>	5820416bd0a67901a7ff4ae5	WebsPlanet Demo Reseller	active	1478508900899tommy@websplanet.com	05420102221478508900	05420102211478508900	07.11.2016	⋮
<input type="checkbox"/>	PINES12345	WebsPlanet Demo Reseller	active	omerp@websplanet.com			06.11.2016	⋮
<input type="checkbox"/>	acc123456	WebsPlanet Demo Reseller	active	orit@websplanet.com			06.11.2016	⋮

«123»

The list should have the following columns:

1. ID
2. Reseller
3. Status
4. Email
5. Telephone
6. FaxNumber
7. CreationDate

When clicking on any of the records (e.g. the account ID or the account email), the application should transition to “Manage Account” URL (see below):

Manage Account

Application URL:/account/<ID>/ where <ID> represents an account ID. (e.g. `http://localhost:4200/account/10`)

In this URL you’re going to render a “Manage Account” which is used to update the details of an existing account.

Account name *

elkeacc10

✓

Account Id

elkeacc10

Email *

elkeacc10@elkeacc10.com

✓

Address

Hanechoshet Street

city

Tel Aviv

zip

11111

Country

Israel

▲

Region

Tel Aviv

telephone

+97237467605

faxNumber

37467605

SAVE

Please apply a form validation to the update/edit account form prior to performing the form’s submission.

Just like the accounts lists, you can choose your own form layout + color scheme.

Good Luck!