

### Purpose

The purpose of this document is to specify a small project to evaluate prospective software developer skills.

### Scope

Create a simple single page application that displays a list of users obtained from a public API. When a user is selected from the list, display the selected user information in a form. These components should be implemented so they could be easily reused in another part of the application.

### Project Requirements

- Create a grid presentation component that displays the user data fetched from the Restful API:
  1. <https://jsonplaceholder.typicode.com/users>
- Create a presentation component that displays detail data for a row selected from the grid. Use reactive forms approach.
- Create a smart component that contains the grid and the user detail component.
- Create a model class that represents the user's basic information like name, user name and email.
- Application must support internationalization. Using a drop down list, users will be able change the language. Default language will be English and add any alternative.
- Implement the create new user scenario described below.

#### Create New User Scenario

1. User clicks the 'New' button.
2. User Detail Form will be cleared out.
3. User fills in the form.
4. 'Name' and 'Username' fields are mandatory, while others not.
5. User clicks the save button and this entry will appear in the Users list.
6. If user does not click save button and navigates away from the screen, display an alert box indicating form is not saved and user will lose the data.

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### Mock Ups

#### Home Screen

Language: English ▼

Home

[Users](#)

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## ITGLOBAL - DEVELOPER CANDIDATE TEST PROJECT

### Users Screen

Language: English ▾

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### Users

New

Name	User name	Email
Leanne Graham	Bret	Sincere@april.biz
Ervin Howell	Antonette	Shanna@melissa.tv

### User Detail Form

Name:	<input type="text" value="Name"/>
Username:	<input type="text" value="Username"/>
Street:	<input type="text" value="Street"/>
City:	<input type="text" value="City"/>

Save

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### Assessment Notes

The development skills of the candidate will be assessed based on the below topics.

- Follow Official Angular Style Guide when you create application, components, models and use consistent naming conventions in the project.
- Ensure implemented modules, components and functions are documented.
- Ensure the implemented application is bug free, works and compiles without errors.

### Technology

- Use Angular 9+

Revision	Date	Changes	Revision By	Approved By
1.0	25.03.2021	Initial Release	AG	AG

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