

Entry task for UI Developer

Description

The goal is to create an application which will fetch and display population of Slovakia in various ways.

The application should contain three tabs:

- Table containing columns 'age', 'males', 'females' and 'total' for the population of Slovakia in the year 1990. The table should list results only for the age between 18 to 30.
- Bar chart displaying the same data which is displayed in the table in the first tab.
- Life expectancy calculator. This page should contain inputs:
 - Sex
 - Country
 - Date
 - Age

And should calculate and display to the user the remaining life expectancy.

Requirements

- Use of UI framework of your choice (preferable Angular 2+, but we accept any other as well)
- Use of some CSS framework (Bootstrap, Material, Clarity, ...)
- Use of REST APIs from <http://api.population.io/>

Bonus points

- Nice looking user interface
- Easy to read and well structured code, using style guide (e.g. <https://angular.io/guide/styleguide> for angular)
- Sortable, searchable table with pagination
- Display history of last 5 results of Life expectancy calculator stored in local storage

Presentation

Please prepare a demo/presentation of your implementation. It will be discussed during the interview. To ensure that we can prepare for the interview, please send the files (with a brief readme file) in advance by mail or by providing a link to github.

Consider topics for discussion like:

- Reason for choosing specific technologies
- Architecture
- Deployment