# **Frontend Javascript**

Create a Single Page Application to edit user data based on local storage (no backend).

#### General requirements:

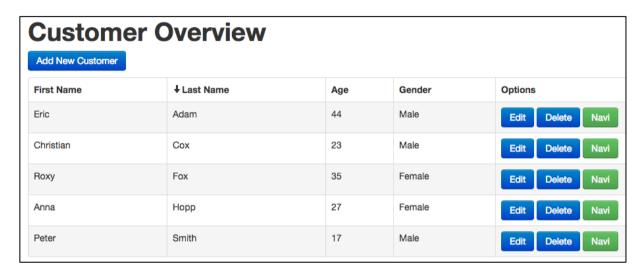
- Implemented in JavaScript using Angular.js, HTML/CSS (Bootstrap), with JavaScript tests implemented using Jasmine
- Runs in the latest version of Chrome, Firefox and Internet Explorer
- Contains documentation (in the code)
- Contatains at least one test for every controller

#### Specification:

- The application starts with an Overview page listing all customers
- It contains a "Customer Detail View" to create a customer and edit his profile data.
- It contains a "Navigation Data View" that shows tracking data of the customer.
- The data is stored in local storage
- Initially (if the local storage is empty), it shall be initialised with the data from Appendix 1
  "Master Data Table" and "Navigation Data Table"

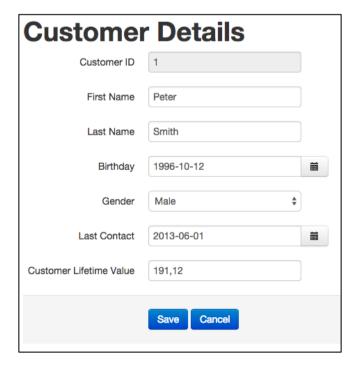
### **Overview (Initial Screen)**

- Sort by "First Name" or "Last Name" by clicking on the column heading (first click: ascending, second click: descending)
- Initially sorted by "Last Name", ascending
- Optionally show the sort direction in the table heading
- "Age" is calculated from the birth date
- "Add New Customer" button goes to the "Add New Customer" view
- "Edit" goes to the "Customer Detail" view
- "Delete" deletes the customer (without asking)
- "Navi" goes to the "Navigation Data" view



#### **Customer Details View**

- Customer ID is not editable
- "Save" saves the data, "Cancel" does not save anything, both go back to the Overview



## **Navigation Data View**

- Sort by page name or timestamp by clicking on the column heading (first click: ascending, second click: descending)
- Initially sort by "Timestamp", ascending
- Optionally show the sort direction in the table heading

Navigation Data for Eric Adam					
Page	<b>↓</b> Timestamp				
Х	2013-07-08 09:19:13				
A	2013-07-08 09:19:14				
В	2013-07-08 09:19:15				
Back To Overview					

# Appendix 1

### **Master Data Table**

					Last	Customer Lifetime
<b>Customer ID</b>	First Name	<b>Last Name</b>	Birthday	Gender	Contact	Value
1	Peter	Smith	1996-10-12	m	2013-06-01	191,12
2	Anna	Норр	1987-05-03	W	2013-07-08	50,99
3	Christian	Cox	1991-02-21	m	2013-08-01	0
4	Roxy	Fox	1979-06-30	w	2012-01-29	213,12
5	Eric	Adam	1969-11-21	m	2013-03-18	1019,91

## **Navigation Data Table**

Customer ID	Pages	Timestamp
1	Α	2013-06-01 10:10:12
1	В	2013-06-01 10:11:12
1	Α	2013-06-01 10:12:12
2	С	2013-07-08 09:03:09
2	Α	2013-07-08 09:09:09
2	D	2013-07-08 09:19:09
3	В	2013-07-08 09:19:09
3	Α	2013-07-08 09:19:10
4	D	2013-07-08 09:19:11
4	Α	2013-07-08 09:19:12
5	Χ	2013-07-08 09:19:13
5	Α	2013-07-08 09:19:14
5	В	2013-07-08 09:19:15