Lab Test CSM3103   Sem II 2022/2023

(Estimated 3 Hours)

Synopsis

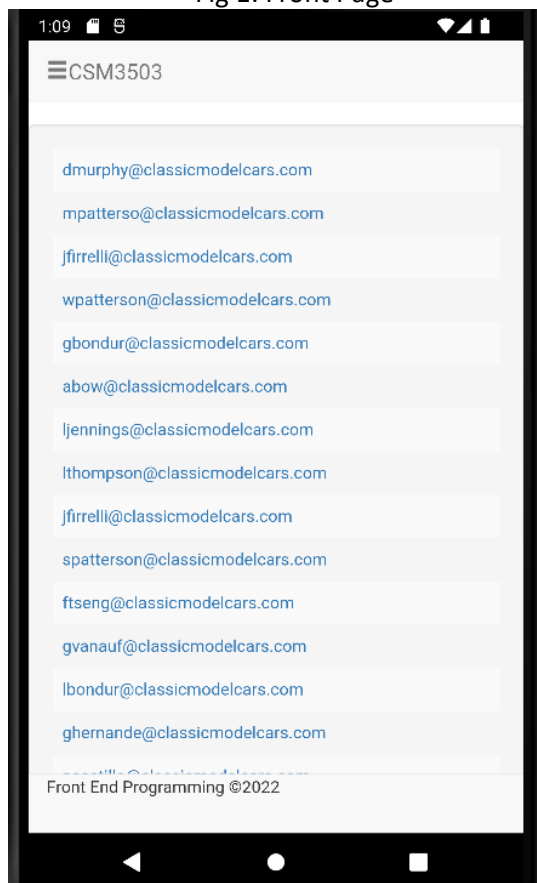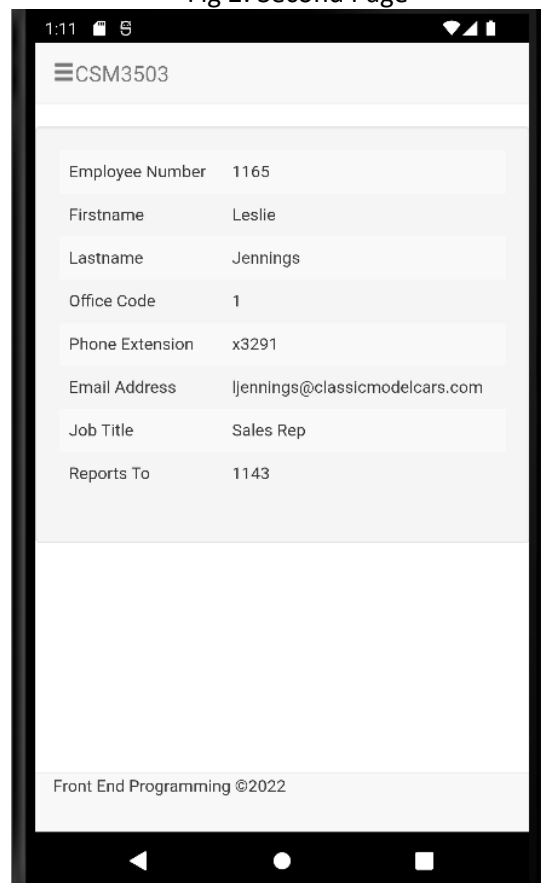| Fig 1: Front Page | Fig 2: Second Page |

Figures 1 and 2 demonstrate a simple mobile application with two screens. When the app started, it will display a list of staff by their email as in Figure 1. When a clicked on any email, it will display the details of that staff as in Figure 2.

The first page which called index.html will make an ajax call to https://kerbau.odaje.biz/getstaff.php. This call will return a data as in the following JSON format.

["{\"status\":1}","{\"employeeNumber\":\"1002\",\"lastName\":\"Murphy\",\"firstName\":\"Diane\",\"extension\":\"x5800\",\"email\":\"dmurphy@classicmodelcars.com\",\"officeCode\":\"1\",\"reportsTo\":null,\"jobTitle\":\"President\"}","{\"employeeNumber\":\"1056\",\"lastName\":\"Patterson\",\"firstName\":\"Mary\",\"extension\":\"x4611\",\"email\":\"mpatterso@classicmodelcars.com\",\"officeCode\":\"1\",\"reportsTo\":\"1002\",\"jobTitle\":\"VP Sales\"}"….

In summary the attributes of retuned data are:

{employeeNumber, firstName, lastName, officeCode, extension, email, jobTitle and reportsTo}.

However, in the index.html, only email address is presented to user where each email address is linked to secondpage.html by id, where id is the employeeNumber. Therefore, any clicked on email address will execute another ajax call to https://kerbau.odaje.biz/getstaffbyid.php?id=employeeNumber which will returned the following JSON format data.

["{\"status\":1}","{\"employeeNumber\":\"1056\",\"lastName\":\"Patterson\",\"firstName\":\"Mary\",\"extension\":\"x4611\",\"email\":\"mpatterso@classicmodelcars.com\",\"officeCode\":\"1\",\"reportsTo\":\"1002\",\"jobTitle\":\"VP Sales\"}"]

Otherwise, it will returned

["{\"status\":0}"]

If no data associated with the employee number found.

Your Task

1. Create a cordova project (with browser platform is enough)
2. Develop the index.html
   a. read the data by ajax call to https://kerbau.odaje.biz/getstaff.php
   b. display the email with onclick event in mind
      i. set the employeeNumber as id
      ii. invoke secondpage.html when clicked

3. Develop the secondpage.html
   a. Get the id
   b. An Ajax call to https://kerbau.odaje.biz/getstaffbyid.php where id is employeeNumber supplied by index.html

You can download https://kerbau.odaje.biz/labtestbp.zip to start your development

For submission:

1. Save your project to Git
2. Write your git link in a word document, don't forget your details too.
3. Upload your word document inside elearn.