Advanced Client Scripting
Project specification

Overview

- Project defense takes place during the exam period.

- Student applies for project defense same as for written exams.

- Students who have applied for exam will be contacted by the lecturer or the assistant to arrange the project defense

Project assignment

Create a database management application.

The anonymous user has access to the application that displays all customer information (name, last name, email, phone, city).

The user can choose how many customers are seen at one time (10, 20, 50).

Customers can be sorted by all properties or searched through the Search box.

Together with all the above mentioned features, registered users can also update (view, add, delete):
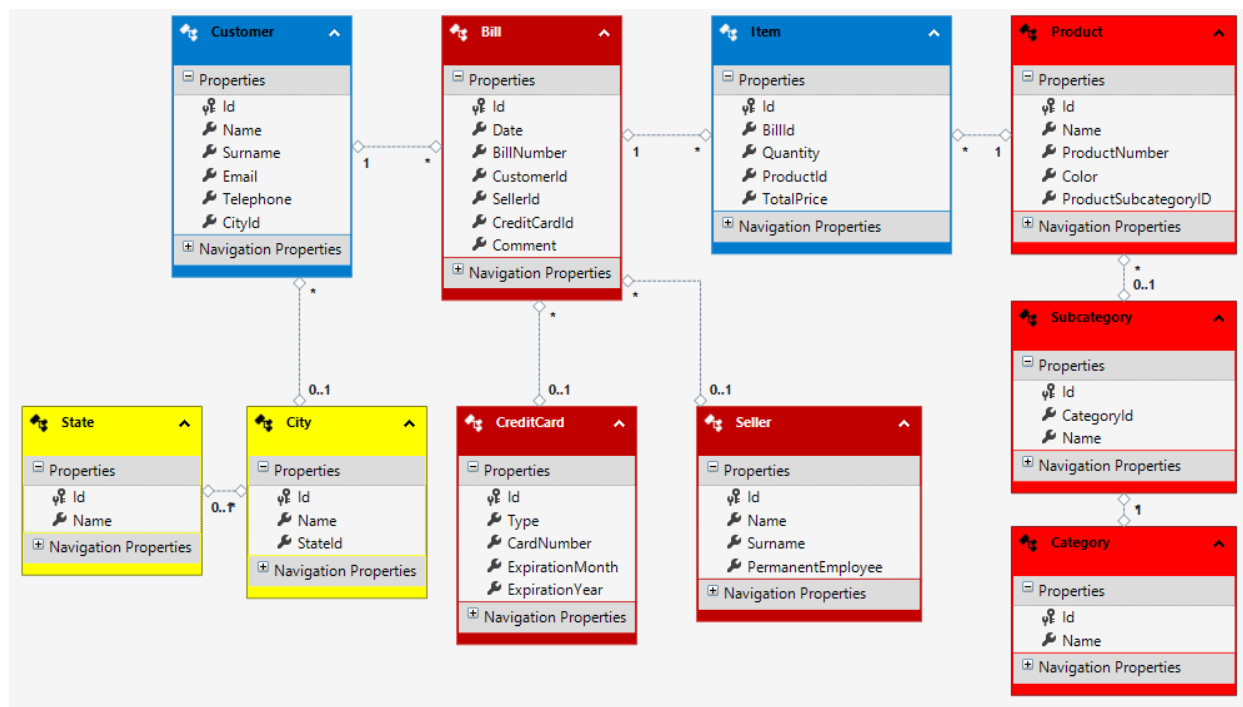
- customer information
- customer bills
- bill items

Design: Do your best! :) Use third party library like a bootstrap or custom CSS to make the application visually attractive and responsive (correct display on desktop and mobile resolutions)

Only custom solutions for displaying and updating the data are allowed in the design of the project.

Use of jQueryTable, MaterialTable, and other external libraries is not allowed.

Database Diagram

*(note that the **State** table is ommitted and there is no **StateId** property of **City** entity)*

REST back-end server

Implementation of the REST server that uses the database schema that is shown here is available in Infoeduka, as **back-end.zip**. It is a Node.js implementation of the server based on *JSON server*. To run the server, please extract the files and follow the instructions in **readme.txt** file available in the archive.

Finished application demo

The idea of designing and displaying data **on a partially built application** can be seen at the following address:

https://youtu.be/AfEIldmSNwg