# KitchenHeavenb.Presentation

## Introduction

To present informations to users and let them interact with the system, a web applications will be implemented.

This Web Applications will be implemented using a javascript framework to make it an one page application. The Web Application will be composed of :

* A DataModel Layer

It contains all javascript object which will be serialize/deserialize in the requests to the API

* A Client Service Layer

It Centralize all the methods to process all HttpRequest to the API and convert json content to javascript dataModel

* A presentation Layer

It contains all necessary elements to display html content to users.

## Objectives

In the first version, the Web Application will allow users to procces the following actions :

* Search Restaurant
* Add restaurant
* Show Restaurant Detail
* Show Restaurant Menu
* Search Meal
* Show meal details
* Add a meal to a restaurant

## Web Application Composition

To complete the objectives, the Web Application will be composted with views listed below :

1. Login

A standard login page composed with two fields (login/password) and a login button.

1. Welcome

A simple presentation page. From this page Users can :

* consult his information from a quick menu in the top right of the page. The menu contains login and current restaurant selected. If the user have access to only one restaurant, this restaurant is selected by default
* Access to « search a restaurant » page. It will redirect to SearchRestaurant view.
* Access to « Add a restaurant » page. It will redirect to RestaurantDetails view in edition mode.

1. SearchRestaurant

Users can search to restaurant they’ve got right on (administrator access to the entire list of restaurants in KitchenHeaven). This page use the Search action of Restaurant API.

It is composed of two sections :

* A search area on the top of the page. Search criteria are :
* Restaurant’s Name
* Business identifier
* Adress
* City

At the right of the search criteria area, it set two buttons :

* « Search » will process to the search request
* « Create a new restaurant » will redirect to RestaurantDetails view in edition mode
* A result area where restaurant will be displayed. Each item will be represent by :
* The Name in the first line. Bold in css policies in1 em
* Second line with businessidentifier and the cityCode + city Name in 0.8em

All results are clickable, and redirect to the RestaurantDetails view in readonly

1. Show Restaurant Detail

This viwe will be used in different purpose :

* Edition

In the first version, this mode will be used to add new restaurant in KitchenHeaven.

* The headband will display « Add a new restaurant »
* In the center of the page, each needed information will be display with a couple of a label displaying the name of expected information and an input to fill by user.

Expected data are :

* Name
* BusinessIdentifier
* Address(76 characters)
* Complement (76 characters)
* City Code
* Cityname
* The footer will display two buttons
  + Save.

Clicking on this button will send the creation request and reditect to the SearchRestaurant View when completed on save. In case of error, a toaster will be shown indicating the error and the source of it.

* + Cancel

Clicking on this button will erase informations and reditect to the SearchRestaurant.

* Consultation

In this mode, all inputs are replaced by labels, the view is read only.

* The headband will display the name of the restaurant.
* The center of the page, will be divided in two section.

The first section will display each needed information will be display with a couple of a label characterazing the informations and a label containing the corresponding data.

data are :BusinessIdentifier

* Address(76 characters)
* Complement (76 characters)
* City Code
* Cityname

The second section will contain an headband with following text « Display Menu » and be collapse by default.

On click on the headband, the restaurant’menu will be retrieve from the server. The headband will now show the message « Hide the menu » and a button « add a meal to menu ».

The list of meal will be shown under the headband. Each meal will be represented by his preview :

* On the left, the miniature will be dispayed, with the total height of the element
* Next to the miniature, the description of meal in two text line
  + The first line will contains the name of the meal
  + In in second line, will be set the area and the category (each will be preceded with corresponding label). The size of the second line is 80% of the first.
* The footer will be masked

The RestaurantDetails view can be display as a window or in a pop-in

1. SearchMeal

As SearchRestaurant, the view will be divided in two sections :

* An headband containing the diffrent searchCriteria
  + A dropdownlist showing each kind of reasearch (Area, Ingredient, Name, Category)
  + For Name research, a textbox will be displayed, allowing to fill a free text
  + For Area/Ingredient/Category, criteria will be retrieve from server. It will populate a dropdown list with all element (name in text, id in value, description in tooltip)
* After the headband, will be displayed the list of all corresponding meal. Each meal will be displayed like on Restaurant’s Menu

Clincking on a line will open a pop-in displaying meal details

1. Mealdetails

The MealDetails view could be displayed in two ways

* From the Restaurant’s Menu in the RestaurantDeatis view
* From the SearchMeal view

The view will display as bellow :

* Ah headband containing the miniature on the left and the name of the meal next to it, in bold and larger policie (1,2em). Click on the miniature will open a the full-length image and under the name Will be display the category and area (preceded with their corresponding label in bold). The size will be smaller than the normal (0.8em)
* A content part will contains the list of ingredients :
  + The name and the measure will be shown for each ingredient
  + At the end, the descirption could be available extanding and headband « Show Instructions »