Introduction

The MyMenu apps use MVC (Model-View-Controller) separation. The Model is represented by data from a server database. The data must be queried from the server, and the user is required to have an internet connection to be able to use the app. Data is sent via a URL encoded string to a specified PHP web endpoint. Currently, the server returns the response as XML. The XML response is then mapped to a corresponding domain model on the client side. View's are built mainly in the interface builder for each product, however some UI code is mixed in with the controller where required.

The apps consist of a few main views:

- Login View - User can login with an existing account or can registered for a new account.
- Sign Up View - User enters all required information to sign up and create a new account with MyMenu.
- Map View / Restaurant Table - This view shows the restaurants on the map as pins. This acts as the home screen for the application.
- Specials View - Shows the specials for a given time period, the user can filter, adjust shown time period and search
- Restrictions - The user can select which items they want to avoid.
- Profile - The user can edit their name, password and default location. They can also logout, and view the apps about page.
- Restaurant Page - Shows the Restaurant info, menu items and ratings. Users can select ratings and items to see more info.
- Menu Item Page - Shows the specific menu items info, the user can share, rate, "I've Eaten this", see modifications, and the reviews for the item.