Adobe AIR touch screen application

Interactive gallery displaying property images

Client need

Our client is a leading Real Estate Touch Screen Software and Hardware solutions provider for real estate professionals looking to gain the competitive edge in saturated markets. In this case client wanted to create an Adobe AIR interface capable of running in touch screen devices, iPad and android platforms along with web interface, which users can use to browse through to check different properties based on their need. Once they find a suitable property they can then send enquires.
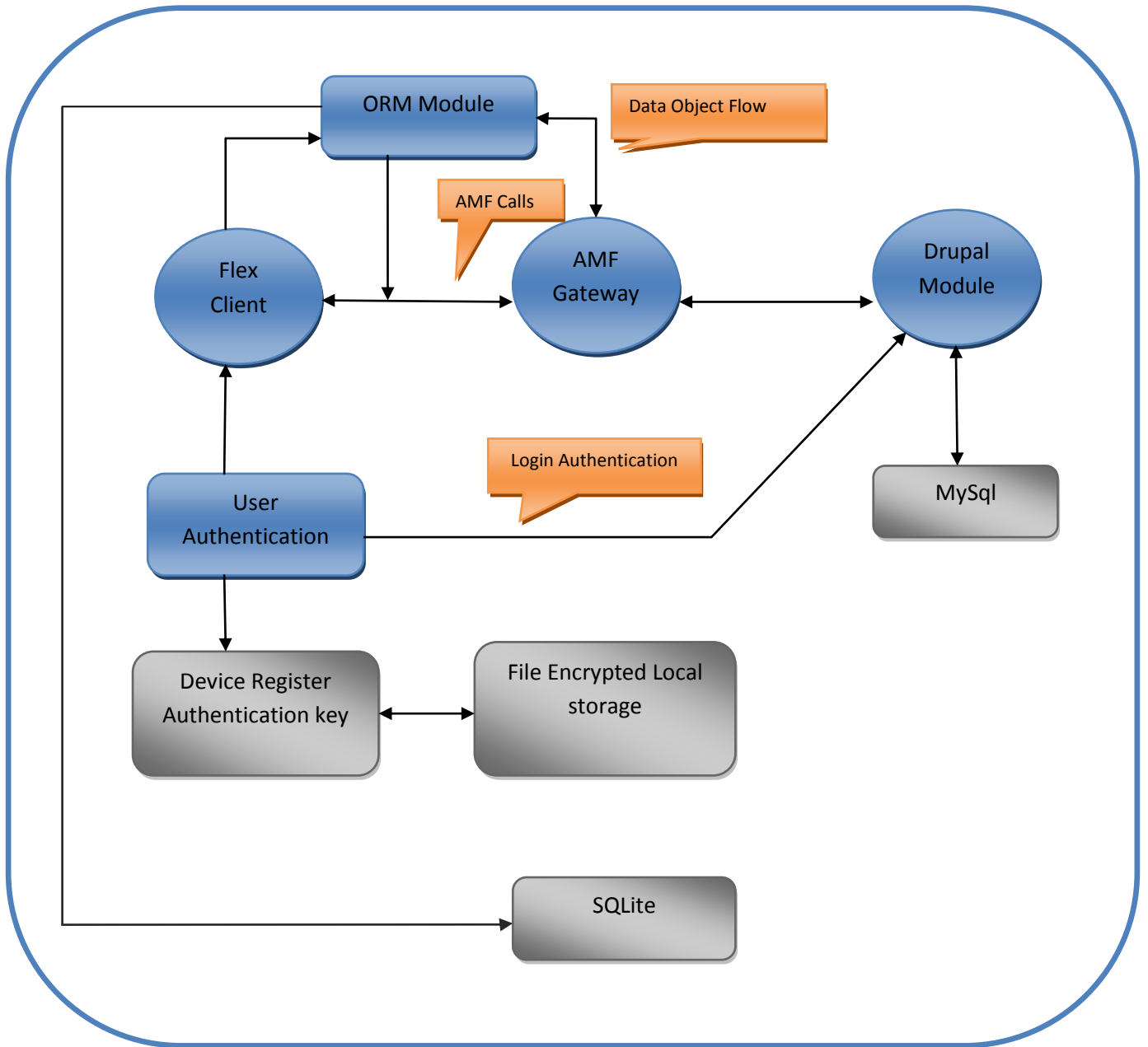
Our Solution

We prepared a plan of action and discussed our idea with the client. Client was very pleased with the approach we came up with and gave us the go ahead to get it done. Our approach is described below.

We designed and implemented an adobe air application for touch screen devices including iPad, iPhone and android platforms. The application allows real estate agencies and professionals to display their properties in a slick rich user interface which supports touch gestures. The application allows the admin to configure the MLS listing URL which is then submitted to a Drupal system that extracts and feeds property data to the application. We used AMF/Remoting for speedy data exchange between the application and the server. Implemented an interactive gallery to display property details and images. Implemented swipe gesture for touch. Implemented and interfaced with google maps api to display property location on google map. Implemented email sending feature to allow a user to click and quickly send email with property details to friends.

Key features of the application are:

- ✓ Interactive gallery displaying the property images and image slider.

- ✓ Map view shows the location of the property.

- ✓ Search view shows all the search results according to the user requirements.

- ✓ Email view allows the user to send email and sms to the contractor.

Architecture Diagram

About our Client

Client Real Estate consultant **| Location** US | **Industry** Real Estate

Technologies

Adobe Air, Flex 4, PHP, Drupal, Cairngorm, Singleton Pattern & Centralized Event Architecture, SQlite, MySql, AMF.

Tools Used - Flash Builder 4.5 and Flex SDK 4.5.1
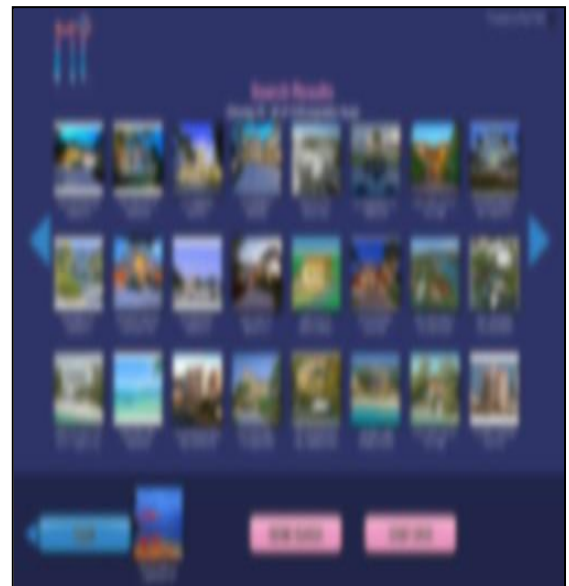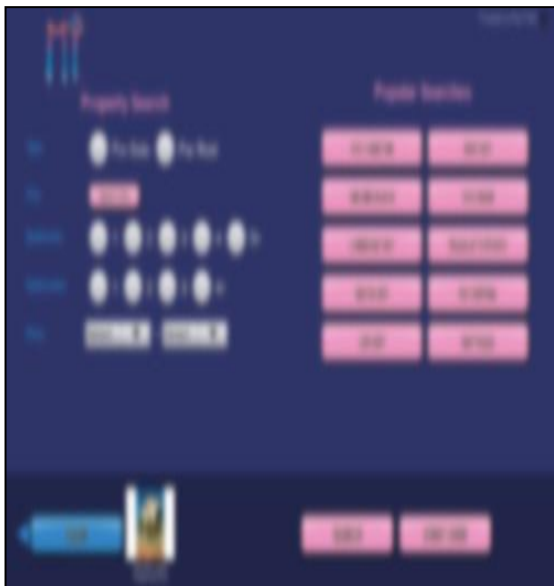
Application Images

1. Below image displays the "StartOver "page of the application which gives the users four options to navigate different view.

2. Below image is the property view of the application where user gets a lot of options to navigate different views. By clicking the "Map view" option user can get to the location of the property. By clicking the "Picture gallery" user can get to the property images and image slider. By clicking the "Email This" button user can get a screen where he/she can send emails and sms to the contractor. And through "Find More Homes" user can search for his required property.

3. Below are the search option screen and the search result screen.

Future relationship

The client was pleased with Mindfire's effort and reckoned that they were happy to have discovered a professional offshore IT unit. We shall continue to be the service provider for the next versions of the client's product. They have not only allocated the support and maintenance work of the current system to Mindfire but have also chosen us for future customization work.