

XORIENT IPHONE APPLICATION FOR REALTORS

CLIENT OVERVIEW

Our client, a Fremont CA based start-up, builds mobile applications that would be natively available on mobile devices including iPhone, Android, Blackberry, Windows Mobile and other mobile platforms. One such application for the real estate market enables users to search for houses for sale, based on their current geographic location and other factors like price, distance, community, and so on. The client sought to combine the power of location based search on the mobile handset with the typical real estate data available. This would be offered to Realtors® who would be able to sign up customers, and in turn, offer the service during a prospect buyer's search drive.

KEY REQUIREMENTS

- The client vision for the application was to provide a platform where the participating Realtors® could list his or her available properties for a particular area, while also browse through the listing based on their requirements on the other hand. Users could access information on the estate by querying the RETS server, based on the search criteria. Our client wanted to build a general-purpose search capability that could also extend to the other verticals
- The application had to be supported across multiple generations of mobile devices
- The application had to support multiple properties type Residential, Commercial etc.
- The application was required to be built based on the web service calls that were already created by client to access real estate data
- It was necessary to achieve a critical performance benchmark: Support search results for maximum input criteria around 1000 property listing
- The application was expected to display the real time property listing data updates on buying and selling of properties

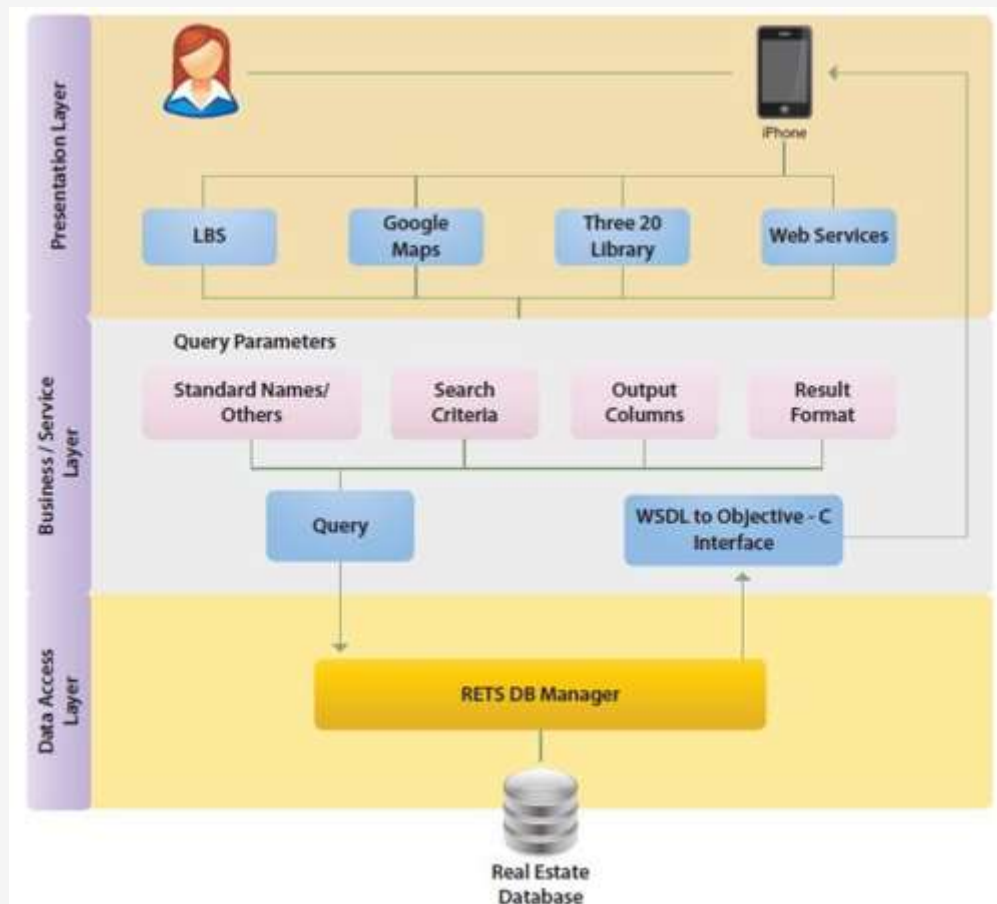
KEY CONTRIBUTIONS

- Xoriant's Configuration management using SVN and Eclipse for the milestone based code branches as defined in the application
- Created test cases, test plans and UAT for application. QA testing involved for every milestone
- Location based services (LBS) for determining current location of the user and search based on same
- Integrated Google Maps for driving directions
- Integrated Three-20 library for Photo Collage implementation
- Web Service (WSDL) to Objective - C conversion for accessing the remote data
- Built reusable components to be used across multiple real estate projects
- Provided Call, SMS and Email interface for listed Agent and agent offices
- Implemented of feature to enable the application to restart from the last exited state of the application
- Support for the beta application after its launch and submission of application to Apple store

KEY BENEFITS

- Our client was able to launch the beta version of the product in 1 month and it was widely accepted by user community. Xoriant's experience on working in mobile applications and the specific domain were keys to achieve this tight timeline for mobile application development
- User interface was implemented of using human interface guidelines from Apple. User experience was well received after the beta launch. Xoriant provided simple and highly cost effective solution to our client by incorporating open-source and free technologies
- Due to these features our client was able to position itself in the same / other verticals very quickly which enabled him to get work in new accounts

HIGH LEVEL ARCHITECTURE



TECHNOLOGY STACK

- Xcode 3.1.2
- Mac OS iPhone -3G Interface Builder
- Google Maps API
- Three-20 lib APIs
- Location Services
- Photoshop and Dreamweaver for UI designs



About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.