



# Application Development Case Study

**Title:** Valuation Link  
**Domain:** Real Estate  
**Client:** Major Real Estate Services  
**Location:** Northville, MI

**Project Description**

The purpose of this project is to build an appraisal portal which is a web application that will interface with both the clients and vendors to upload new appraisals and accept the appraisal orders respectively.

**Environment**

Windows, SQL Server 2008, Java, Spring, Hibernate, Struts

**Tools**

Eclipse, Case Studio

**Other Tools/ Languages**

Java Script, CSS, JQuery, AJAX

**Subject Area**

Appraisal Automation

**CLIENT:        Leading Real Estate Services Provider**

**PROJECT DETAILS:**

The purpose of this project is to build an appraisal portal which is a web application that will interface with both the clients and vendors to upload new appraisals and accept the appraisal orders respectively.

Our client has several hundreds of clients and vendors in North America who can service them with the appraisal requests and the whole process of managing the entire life cycle of the appraisal request is becoming tedious as the process of appraisal request itself is complicated which is multi-step and involves gathering several documents in a custom software format, and communication at every step of appraisal is crucial.

Reliable Software has designed, developed and implemented a solution that consisted of the following main features and processes:

- The clients will be able to register on this portal and have ability to upload one or many appraisal requests using a secure login authentication method
- After the appraisal requests are uploaded the administrative staff at our client site will receive an email notification with the details of the appraisal requests received and will have an ability to sort and accept the orders that can be serviced by our client.
- The administrative interface in this portal will provide our client to create the users for their sub vendors and assign the appraisals to a specific sub vendor based on serviceable zip code and coverage area.
- All appraisal orders are assigned to the sub vendors and will receive an email notification that a specific appraisal request has been received and the sub vendor will be able to logon to the portal using a highly secure authentication and review the details of the appraisal request.
- During the life cycle of an appraisal request the sub vendors will be able to compile and upload appraisal specific file formats to this portal and send it for review. Our client appraisal staff will have the ability to review and approve the appraisal reports and send the final reports to their respective clients.
- Custom messaging feature was implemented where all the clients and vendors has the ability to specify comments at every step of the process in the appraisal life cycle and store the history.
- This portal enables our client administrative staff to determine the patterns and trends on how the appraisals orders are assigned to different sub vendors and which sub vendor is getting the most appraisal orders in which geographic location.
- This application is designed and developed using MVC architecture, in addition spring, hibernate frameworks have been leveraged which will enable the extendibility and scalability of application.

## BENEFITS OF THE PROJECT

The primary benefit of the project was to relieve the client of the time-consuming tasks of managing a very large and volatile user base to streamline the appraisal valuation workflow. As with many automation efforts, the inherent benefits are eliminating error-prone manual intervention and improving the speed with which tasks can be completed. The benefits were realized immediately. The time spent on these tasks by the administrative staff was cut by 80+%.

## PROJECT TIMELINES & MILESTONES

Sr. No	Project Phase	Phase Period (Working Days)
1	Requirements gathering	5
2	Analysis for Technical Specifications	10
3	Development	30
4	User Training	5
5	User Documentation	5
6	Acceptance Testing	5
7	Warranty Support	30
	Total (excluding warranty Support)	60

## PROJECT METRICS

**Total team strength - 4**

**End User base – 5000**

This project was completely executed at our off-site facility in Northville, MI from start to finish and our client was able to leverage our cost effective model for this project.

Our off-site model is an attractive alternative for our clients looking for more cost-effective solutions without compromising quality. Our off-site delivery program is unique with below highlights.

### Offsite Delivery Model Highlights:

- Priced at approximately 50% of equivalent onsite services.
- Highly qualified certified consultants.
- Excellent communication and project control - Same country and same time zone.
- Flexible scalable model - the capability of scaling projects on demand for any duration.
- Flexing to your methodology - adapting to clients way of doing business and managing projects, instead of making you fit a standard methodology or process.

# About Reliable Software Resources, Inc.

Reliable Software Resources Inc. is a leading provider of information technology consulting and provides high-value, industry-specific IT solutions and is a pure-play IT project implementation and system Integration Company with cost effective delivery model for its clients. Our project delivery solution emphasizes local accountability and a flexible mix of global resources. The result is more-practical and actionable recommendations and the right-sized services that tightly align to your needs. Reliable Software's services are offered on a project- or strategic-staffing basis, across all technology platforms, operating systems and infrastructures. Reliable Software Resources Inc., Consulting practice has national foot print in United States and has been recognized as one of the fastest growing companies by Inc. Visit us online at [www.rsrit.com](http://www.rsrit.com) or follow us on Linked In, Facebook & Twitter.



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