Abstract
The purpose of this project was to create an application that can be used to generate domain-specific search applications. These search applications will contain a form allowing users to specify search criteria, and will be able to search multiple websites at once using the provided criteria, and provide the user with amalgamated results from all specified sources. The main application will allow a user to specify their desired search sources and the fields they wish to have present on the search form. The main application will use this information to generate a database to use with a pre-designed code package.

Summary
This project acts as a proof-of-concept for applications creating domain-specific web search tools. Usability will be to create tools that allow for a broad multi-site search, while limiting search results to a specific subset of potential sources. For example, due to the lack of listing freedom in the real estate industry, when planning to buy a new house, people usually have to look at multiple websites to find suitable homes. For the most part, every real estate website contains similar information, but it is possible to find different available homes on different web sites despite using identical search criteria. Our tool would allow real estate professionals to create search tools that return more results than any single website would return by itself. For an end-user standpoint, the application would save time (as often preached in commercials for Kayak.com, a similar search tool) and expand result sets.

Impact
- The application will allow users to design personalized search tools which cater directly to their needs and the needs of their clients.
- The search applications allow users to perform searches across various domains such as real estate, hotels, research, and many more.
- The application will allow a user to create and host multiple search applications within the same client/server infrastructure by using a generalized code package to perform the bulk of the work.