**Service Name:** Boogle

**Members:**

Sanghyun Yoon 2011-12141 [oscar.yoon13@gmail.com](mailto:oscar.yoon13@gmail.com)  
Sewon Woo 2013-12670 [onww1@naver.com](mailto:onww1@naver.com)  
Youngmin Kim 2013-10035 [bahducoup@gmail.com](mailto:bahducoup@gmail.com)

**Target Customers:**



Students who do not want to spend a lot of money and time on new textbooks, students who want to re-sell their used textbooks,

**Overall Description:** Used book search web service

**Description:**

Every semester, college students find themselves in need of many new textbooks which do not cost little. Consequently, there is a high demand for cheaper used textbooks at the start of each semester. However, the search for used books is very inconvenient because there are too many platforms to check all. For instance, “Aladin” shows search result of used books in multi categories, which bother users. Besides, if there is no satisfying price in Aladin, you should type another site link, repeat to type the book name on a search engine, and compare a price with the price found in the previous site. This process is redundant and wastes time of users. Moreover, current services rarely inform users when the book in demand is newly registered. Thus, we suggest the better and more convenient used book search service, “Boogle”. Boogle will help users choose the optimal selection by integrating informations on major used book online stores and showing the result at once. Furthermore, if users need to be noticed when the finding book is registered on used book online store, Boogle would inform them. Additionally, people who want to re-sell their own used books would be matched with substantial buyer by uploading information such as a price, state of the book and etc.

**Essential Functions:**

* Integrated search interface for used books from various used book store websites, used item trading communities, etc.
* Links to the original website
* Platform on which individuals can post their own sales
* E-mail / SMS notification when a desired book is added to stock

**Demo:**

* Demonstrate two different search processes: one using our service, another without

**Testing:**

* Accuracy test: accuracy of the crawled used book entries.
* Search quality test: test with flawed queries to check whether the search interface can handle faulty requests
* Search latency test: check whether search processes are finished in appropriate time in various circumstances
* Server stress test: calculate how many requests can be processed simultaneously