

YOUR ONE-STOP ARTS AND CRAFT SUPPLY SHOP.

Crafty

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Why shouldn't art
be high-tech?

Let's Get Crafty.

Crafty is a web app developed for people who love art and want the best prices on costly art supplies. It allows you to search across multiple art supply stores for the products you want. You can also save your searches to watch for price drops.

Crafty will suggest products you might like - allowing you to discover new materials you've previously overlooked.

Shop local? Add your favourite products to Crafty's Catalogue to compare it again prices at other art stores.



IMPLEMENTATION

WEB CRAWLING WITH PYTHON

Using Python and BeautifulSoup crawled the catalogue of five different arts and crafts stores: Deserres, Above Ground Art Supplies, Art Shack, Jerry's Artarama, and Wallack's.

SEARCHING WITH LUCENE

After scraping the catalogs of the arts and craft stores, we indexed the products using Lucene.

PRODUCT RECOMMENDER SYSTEM

A simple algorithm was build which took the users' most visited store, and the most frequent price range of purchased items, was used to suggest products.

JAVA SERVER - JERSEY AND JADE4J

We wrote our backend in Java, using Jersey as we had done in class. The Jade template engine for Java, JAde4J, was used to create the front end of Crafty.



DEMO

See what we achieved with Crafty