CLAssistant Requirements Document

January 28, 2014

Hansel Ong

# Overview

CLAssistant is an app that is intended to assist with searching through item on CraigsList. Through a simple interface, the user will be able to search for an item on CraigsList by specifying a keyword and, optionally, a maximum price. The app will then query CraigsList and quickly return a list of items for sale including the date the item was posted for sale, price, description, link, location, and whether the posting contains a picture of the item being sold.

# Purpose

Although users can search CraigsList using a web browser, our customer wants a simple interface that can be run independent of any web browser. Our customer also would like to be able to save past search history, presumably to keep a history of prices over time for items searched (e.g. to determine trends and popularity of an item).

# Functional Requirements

* User can specify a keyword
* User can specify a maximum price
* CraigsList results based on the query will be parsed and the following displayed to the user:
  + Date
  + Price
  + Description
  + Link
  + Location
  + Does it have a picture?

# Potential Risks

* CraigsList changes its query format every so often – must have a plan to ensure app will keep up to changes on the CraigsList query format.
* False positives – keyword searches aren’t always accurate (may return irrelevant results). Should set a plan in the future to address this.