**Crawler**

Responsibilities

* Crawls the Kijiji website with a starting seed value
* Parses data and input it to the database
* Terminates when max number of entries is reached or when it runs out of data

Collaborators

* Database

**Database**

Responsibilities

* Stores the result of data extracted by crawler in a database
* Returns data when asked

Collaborators

* None

**Query Servlet**

Responsibilities

* Receives request from front end and triggers crawler to run at given seed
* Sends confirmation to App that the data is ready

Collaborators

* Crawler

**App**

Responsibilities

* Interacts with the user
* Send user queries to Query Servlet
* When data is ready, trigger Chart View and Map View to run

Collaborators

* Query Servlet
* Map View
* Chart View

**Map View**

Responsibilities

* Displays data in a map view

Collaborators

* App

**Chart View**

Responsibilities

* Displays data in a chart view

Collaborators

* App
* Query Servlet

**Map View Servlet**

Responsibilities

* Receives request from Map View
* Retrieves data from database and directs it to Map View

Collaborators

* Database
* Map View

**Chart View Servlet**

Responsibilities

* Receives request from Chart View
* Retrieves data from database and directs it to Chart View

Collaborators

* Database
* Chart View