

## **eBay Item search (Web-Technologies, Android App)**

**Technologies used: html, css, Bootstrap, Ajax, javascript, php, AWS.**

**Lines of code = 500**

I had to create an android app that allows users to search for items using the eBay API and display the results on the same page below the form. For this I had to create a PHP script to return a JSON formatted data to the front-end. The client will parse the JSON data and render it in a nicer-looking responsive UI (using Bootstrap).

A user will first open the app where he/she can enter the item name and provide the price range. Once the user has provided and clicked search, validation is done to check that the entered data is valid. Once the validation is successful, the JQuery function ajax() is executed to start an asynchronous transaction with a PHP script running on Amazon Web Services, and passing the search form data as parameters of the transaction. The PHP script will return the JSON data from the eBay API to html.

The html then uses JavaScript to extract data from the JSON and display the results on in a new tab. The results will be displayed one below the other in the next tab with information such as the image of the item free shipping details and final price.

When you click of a specific item , it would lead you to a new tab with more detailed information such as basic info, shipper info, user info.

When clicking the Facebook post button, a Facebook post must be executed. In particular, when the button is pressed, the web application does the following:

- Displays a popup to authorize the user to Facebook (i.e. logs him/her in) using the application and user credentials if the user is not already logged in to Facebook;
- Posts an Update Status message to the feed.

The above two steps can be performed using the Facebook Connect API, using the JavaScript SDK, which provides a rich set of client-side functionality for accessing Facebook's server-side APIs.

## **eBay Item search (Android App)**

**Technologies used: Android Studio, Java**

**Lines of code = 797**

Later I created an Android app in Android Studio that performs the same eBay item Search application.