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rferrance

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Welcome to the ProjectOneRferranc-master-updated wiki!

This app pulls deals from [www.woot.com](#) displays them and allows the user to search through them using a text box. The deals are displayed in a custom expandable list where the type of deal is the parent and the individual deal is the child. Other sites attached to woot can also be searched using the app.

When the user opens the app, it will load the main woot deals and display all of them, these can then be searched using the search bar and button. The user is also able to select and deselect the main woot site, tech.woot.com and wine.woot.com using check boxes and after a brief pause the page will load and is can also be searched through. Unchecking the boxes corresponding to these pages will remove the results from the viewing list however once a page is loaded it does not have to be reloaded since the deals are kept in memory. The exception to this is deals since it pulls non static data it will have to be reloaded for every search, this also fulfills the nonstatic data requirement.

Most of the data comes from the [woot api](#) and is therefore taken in as json data, which is much easier to parse however it seemed to be much more data to deal with (some pages were more than 1.5 million characters) this lead to some interesting memory issues that proved rather hard to overcome. Eventually I talked to professor Hamilton who was able to help me overcome the issue by processing the data before storing it at all.

Below are the class diagram as well as a block diagram for my AsyncTask called HttpTask, which retrieved websites without running on the UI thread.

Class Diagram

Block Diagram

Last edited by rferrance, a minute ago



