

CIS 3515

Worksheet 8

Instructions:

Modify your last project to allow it to accept and respond to implicit intents and display requested web pages.

1. Modify your browser so that it has the ability to respond to implicit URL view requests from other (third party) applications.
 1. Add an `<intent-filter>` to your activity's declaration in the android Manifest to accept implicit intents for viewing **http** and **https** URLs.
 - Make sure your filter includes the BROWSABLE category – this will allow your app to respond to hyperlink clicks from other browsers
 2. In the `onCreate()` method of the activity that receives the implicit intent, you can access the URL to be viewed as follows:

```
String url = getIntent().getData().toString();
```
 3. Once retrieved, automatically load a new fragment (tab) and display the URL.
2. **Create and upload a signed APK with a new app version number, along with an archive of your Android Studio project (or a GitHub link) to Blackboard.**

Note:

You can test your browser by clicking links on webpages or emails, or by calling **startActivity()** (from a test activity or application) with an implicit intent to view a webpage (use `Intent.ACTION_VIEW` as the intent's **action**, and the URL you'd like to view as the intent's **data**).