

Android CP310 - Homework 312

Description

Create an application that uses and provides RSS article data.

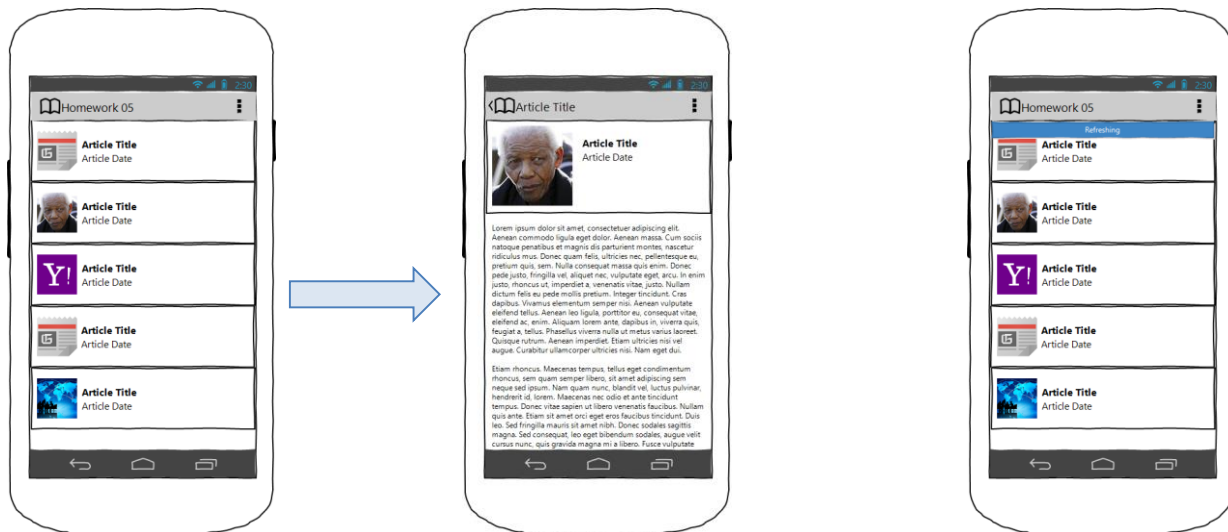
Use Cases

1. User starts the application and a list of article titles from 2 RSS feeds are presented.
2. If a User selects an article, an activity that displays the article content is displayed.

Requirements

- The application adheres to all the requirements of Homework 311 outline in HRD-311
- The application connects to 2 news services:
 - <https://news.google.com/news/section?topic=w&output=rss>
 - <http://news.yahoo.com/rss/world/>
- The application extracts and displays the following RSS data:
 - Icon – The image from the article or an icon representing the RSS source if no image available
 - Title – The title of an online article
 - Date – The date for the article
 - Content – The textual content of the article
- The articles are accessible via the applications content provider as defined in HRD-311
- The list of articles are interleaved properly according to date and time
- When the User shakes the device, the content is reloaded from the online RSS data
- Name the application “Homework 312” and name your project “Homework 312 {YOUR_UW_NET_ID}”.

Example Screens



Points

There are a maximum of 60 points for this homework.

Requirement Points (30 points)

- | | |
|-----------|--|
| 0 points | You didn't try. |
| 15 points | The application doesn't work – but you tried. |
| 30 points | The application works and fulfills all the requirements. |

Feature Points (20 points)

- | | |
|-----------|--|
| 15 points | The application retrieves and displays the RSS content. |
| 5 points | The application properly loads the icon images for the article stories |

Discretion Points (10 points)

- | | |
|------------|---|
| 0-5 points | Clean, consistent code (You may have applied a style formatter) |
| 0-5 points | Useful documentation (From a few key inline notes all the way to JavaDoc quality documentation) |

Delivery

Turn in a URL to your Git Repository containing this assignment.

See the course portal for full instructions on how to package and deliver your homework.

Versions

- 1 Initial version.
- 2 Updated Delivery instructions to use Git.