# Android CP310 - Homework 311

## Description

Create an application that uses and provides article data.

## Use Cases

1. User starts the application and a list of article titles are presented from the data set provided.
2. If a User selects an article, an activity that displays the article content is displayed.
3. When the user shakes the device, the list is refreshed and a visible indicator showing the refresh.
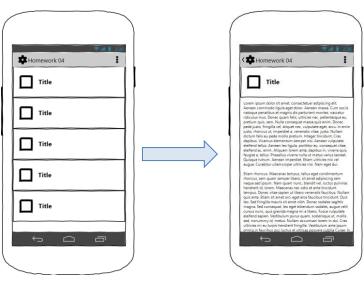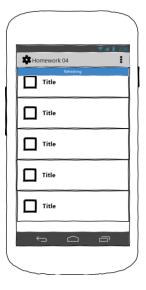
## Requirements

- The application must be an Android launcher application using API level 10 or higher
- The application must use a content provider to expose its data publicly.  It should be of the form:
  **content://{your_package_name}/articles**
- The application must provide the following data for each item from the content provider:
    - Article
        - Content
        - Icon
        - Title
        - Date

    (Not every column needs a value)

- Load your database with the provided XML data available on the course portal in the Files section
- When the User shakes the device, the content is reloaded from the provided XML data
- Name the application "Homework 311" and name your project "Homework 311 {YOUR_UW_NET_ID}".

## Example Screens

## Points

There are a maximum of 50 points for this homework.

### Requirement Points (20 points)

| | |
|---|---|
| 0 points | You didn't try. |
| 10 points | The application doesn't work – but you tried. |
| 20 points | The application works and fulfills all the requirements. |

### Feature Points (20 points)

| | |
|---|---|
| 10 points | The application stores the related information in a database. |
| 10 points | The application exposes a content provider. |

### 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 requirement "Load your *database* with the provided XML data." |
| 3 | Updated Delivery instructions to use Git. |