

## PROJECT SPECIFICATION

## News App

## Layout

| CRITERIA              | MEETS SPECIFICATIONS  |
|-----------------------|---|
| Main Screen           | App contains a main screen which displays multiple news stories   |
| List Item Contents    | <p>Each list item on the main screen displays relevant text and information about the story.</p> <p>Required fields include the title of the article and the name of the section that it belongs to.</p> <p>If available, author name and date published should be included. Please note not all responses will contain these pieces of data, but it is required to include them if they are present.</p> |
| Layout Best Practices | <p>The code adheres to all of the following best practices:</p> <ul style="list-style-type: none"><li>• Text sizes are defined in sp</li><li>• Lengths are defined in dp</li><li>• Padding and margin is used appropriately, such that the views are not crammed up against each other.</li></ul>   |

## Functionality

| CRITERIA            | MEETS SPECIFICATIONS   |
|---------------------|--|
| Main Screen Updates | Stories shown on the main screen update properly whenever new news data is fetched from the API. |
| Errors              | The code runs without errors.  |
| Story Intents       | Clicking on a story opens the story in the user's browser.                                       |

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|---------------------------------|---|
| API Query                       | App queries the content.guardianapis.com api to fetch news stories related to the topic chosen by the student, using either the 'test' api key or the student's key.  |
| Use of Loaders                  | Networking operations are done using a Loader rather than an AsyncTask.   |
| External Libraries and Packages | The intent of this project is to give you practice writing raw Java code using the necessary classes provided by the Android framework; therefore, the use of external libraries for the core functionality will not be permitted to complete this project. |

### Code Readability

| CRITERIA           | MEETS SPECIFICATIONS   |
|--------------------|--|
| Readability        | Code is easily readable such that a fellow programmer can understand the purpose of the app.   |
| Naming Conventions | All variables, methods, and resource IDs are descriptively named such that another developer reading the code can easily understand their function.  |
| Formatting         | The code is properly formatted i.e. there are no unnecessary blank lines; there are no unused variables or methods; there is no commented out code.<br>The code also has proper indentation when defining variables and methods. |