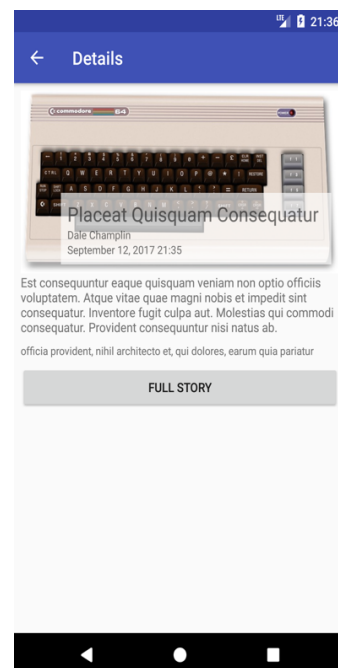
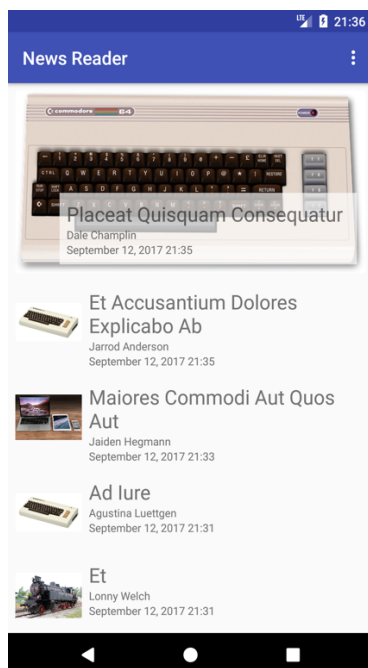


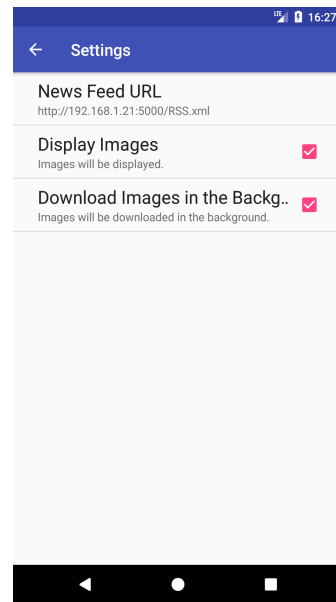
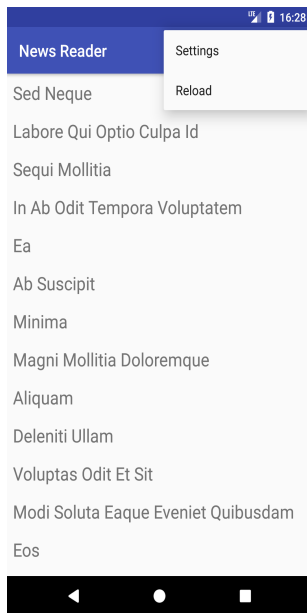
Homework 4 – Settings & UI

Tasks

- Implement the following settings and create a UI to display and edit them. The UI should be accessible through a menu.
 - The URL of the news feed.
 - Showing/hiding images.
 - Downloading images in the background (will be used in a later homework).
- React on changes to the settings as follows:
 - If the URL of the news feed is changed, the new news feed must be downloaded immediately (without manual reload by the user).
 - Changing show images displays/hides the images but does not reload the feed from the server.
- Implement a new UI for our application (use the screenshots as a template).
 - Details page
 - Add a large image with overlay text showing the title, author, and publication date.
 - Display the description as inline HTML.
 - Add a button to open the full article in a browser.
 - List page
 - Incorporate the images into the news item list.
 - Show the title (larger font), author and publication date.
 - Customize the first entry in the list to highlight the most recent news item.

Screenshots





Grading

1. All required settings are available in the settings screen. – 10
2. Navigation to the settings screen works. - 5
3. Changing the URL reloads the data automatically. – 20
4. Changing the image settings shows/hides the images without reloading the data. – 10
5. UI on the details page contains large image with required text overlay. – 10
6. The description HTML code is correctly rendered in the details page. – 10
7. Button for opening the full article exists and opens the system browser with the correct URL. – 10
8. List items contain all required data and the image. – 10
9. First list item is highlighted. – 15