

Attempt 1

Review Feedback

6/19/2025

Attempt 1 Score:
100/100

View Feedback

Anonymous Grading: no

Unlimited Attempts Allowed
6/19/2025 to 6/19/2025

Details

Overview


This assessment is focused to test you on your knowledge of topics from [Module 2.a: Basic Android Development \(Resources, Views, and Layouts\)](#) (<https://dlsu.instructure.com/courses/214805/modules/973786>), [Module 2.b: Basic Android Development \(Data-driven Views \[RecyclerView\]\)](#) (<https://dlsu.instructure.com/courses/214805/modules/973787>), and [Module 3.a: Activities \(Overview, Intents, Multiple Activities, Fragments\)](#) (<https://dlsu.instructure.com/courses/214805/modules/973788>).

This assessment is designed to be answered in an hour and thirty minutes or less. There is no time limit except for the due time of the assessment specified in Canvas. Please note that the extra time is meant to account for possible technical issues you might encounter. If you benefit from working on the problem with extra time, then good for you, but anything submitted after the deadline would be considered late. If you encounter issues, please try to get in contact with your instructor as soon as you're able to.

If you have any questions, please check the following Google Docs file:
https://docs.google.com/document/d/1SHnPYB7NjgyGHF_BF5e9KYpckU9OAm-HTfVj0JGSfk/edit?usp=sharing 
(https://docs.google.com/document/d/1SHnPYB7NjgyGHF_BF5e9KYpckU9OAm-HTfVj0JGSfk/edit?usp=sharing)

Please note that the file is read-only. Ask your question directly to your instructor and your instructor will update the Google Docs file. You should not have access to edit the file.

Problem

You are asked to recreate the following application:
<https://youtu.be/kXfzb6V00Jo>  (<https://youtu.be/kXfzb6V00Jo>)



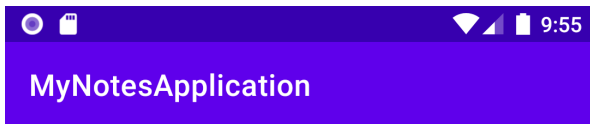
(<https://youtu.be/kXfzb6V00Jo>)

This is a long video demo, but there is a voice-over to walk you through the general expectations. Please make sure to read the details below so you can be certain of what is expected.

For the video, it should be obvious that the application is a note-taking application with edit and view capabilities only. The first activity acts as a view for all data, while the second has both view and edit functionality. Before the descriptions, please note that you aren't expected to implement everything from scratch. There is code provided, covering some of the logic and UI. Kindly see the following for details regarding implementation:

Activity / Screens	Details
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MyNotes

Shops in Robinsons Manila

Adidas Bench Converse Cotton On Crocs Dairy Queen
Figaro Coffee Forever 21 H&M Jollibee

Grocery List

[]Bread [x]Butter []Chicken [x]Soda

ChatGPT's A Walk in the Park

Today, I took a leisurely walk in the park and it was the best decision I made all day. The sun was shining, the

ChatGPT's A Day of Productivity and Self-Care

Today was a great day! I started off the morning feeling refreshed and energized, which is always a good sign. I

ChatGPT's A Busy Day

Just wanted to drop a quick note to share about my day. It was a busy one! I had a lot of work to get done, and it

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consectetur adipiscing elit. Praesent non sem lacinia, vestibulum est et, posuere augue. In mollis posuere

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Donec sit amet mi commodo,

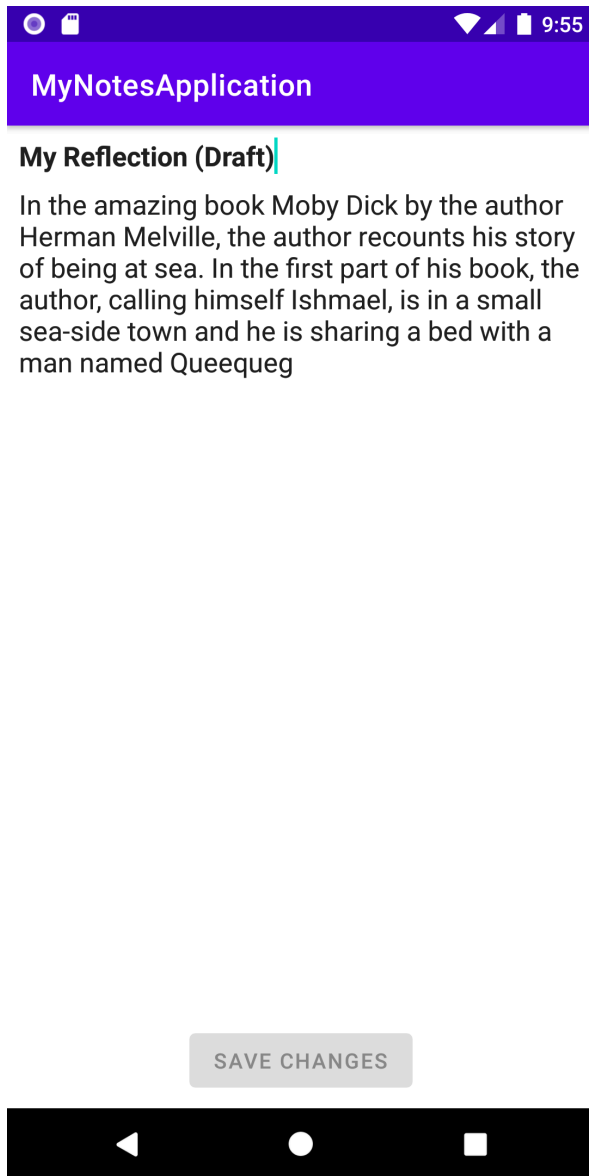
ullamcorper lectus et, lobortis orci. Ut et erat ac arcu cursus pulvinar sed ac dolor. Maecenas erat urna, rutrum

Sed rutrum arcu ante

mattis tincidunt odio interdum in. Sed fringilla nulla libero. Curabitur volutpat, risus necque porttitor cursus, dui et

- This is the first activity that the user sees upon launch of the app.
- It contains a TextView and a RecyclerView.
- For the RecyclerView...
 - Clicking on an item leads the user to the 2nd activity.
 - You MUST use a RecyclerView. Implementing otherwise in terms of displaying the data will not receive partial points.
 - **DATA IS PROVIDED** through a DataHelper class. Please check the provided code.
 - Replicate the item layout as best as you can.
- As seen from the list, a note contains:
 - Title
 - Body
 - **CLASS FOR THE NOTE MODEL IS PROVIDED**
- It isn't obvious here from the image alone, but any new line characters found in the body should be stripped away before displaying the string.
 - All new line characters must still be shown when viewing the entire note itself.
 - There is a snippet of code that is shared to help get around this in the MyViewHolder class.
 - Please do not remove the new line characters from the data since these are expected to be rendered in the second activity.
- Additionally, the itemView limits the body of a note to two lines of text; however, this is in terms of what is displayed. The actual string may be much longer.
 - This is already handled since the item_layout.xml file is provided. Just be aware of the behavior.
- When returning to this activity from the second activity, make sure that any changes made to an individual note reflect accordingly.
- Clicking the system's back button exits the app.
 - If changes are made, these are not expected to be saved upon exit of the app.

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- This is the second activity that the user sees after clicking an item/note.
- The activity contains the note's title and body.
 - **HINT:** Use an EditText so you can edit the data. Then modify the background of the EditText by setting it to transparent. This removes the bottom line.
- As previously discussed, any new line characters should be displayed here.
- Clicking the Save Changes button brings the user back to the first activity.
 - If changes were made, the appropriate item in the list of data should be modified and the user should see the change.
- Please note that deleting both the title and body strings should still be allowed when saving.
 - In other words, this means that a user can set the title and body to an empty string.
 - The object itself isn't removed, but there shouldn't be any hindrance to the user to leave one or both fields blank.
- Additionally, the Save Changes button should enable and disable based on any changes.
 - When first arriving at the activity, the button should be disabled since no changes would have been made.
 - If any changes to the body or title are made, the button should enable.
 - If the changes are reverted back to the original content, then the button should be disabled.
 - An example of this is shown in the video.
 - **HINT:** Please explore addTextChangedListener method of the EditText.
- Here are some tips for the body's EditText:
 - Change the input type to multiline or use a multiline input EditText
 - Set the single line attribute to false
 - Set gravity to top and left
- Clicking the system's back button brings the user back to the 1st activity.
 - No saving of data is performed if the back button is pressed.
 - Please avoid overriding the onBackPressed method

Files Provided


You are provided an Android project that contains the following files:


- **Layouts**
 - activity_main
 - This is provided and must not be modified.
 - activity_view_note
 - This is blank and must be **implemented**.
 - item_layout
 - This is provided and must not be modified.
- **Classes**

Android Data Support

- This helps provide the data needed for the activity. Do not modify.
- MainActivity
 - This has partial logic. The ActivityResult and RecyclerView setup must be **implemented**.
- MyAdapter
 - The has partial logic. The methods of the Adapter need to be **implemented**.
- MyViewHolder
 - This has partial logic. **Implement** the parameters needed and complete the bindData method.
- NoteModel
 - This provides the logic needed to store the note data. Do not modify.
- ViewNoteActivity
 - This has partial logic. Refer to the description of the activity above to determine what needs to be **implemented**.
 - Please note that if you're not able to implement the adaptive enabling and disabling of the "Save Changes" button, please change the button's enabled attribute in the XML to enabled. No points, however, will be awarded for the allocation of the functionality.

Please note that the project implements the ViewBinding feature, so if you don't want to use that, make sure to set the respective attribute in the Gradle to false.

Link to Java zip file: [MyNotesApplication-Template \(Java\).zip](https://dlsu.instructure.com/courses/214805/files/26095711?wrap=1) (https://dlsu.instructure.com/courses/214805/files/26095711?wrap=1) 
(https://dlsu.instructure.com/courses/214805/files/26095711/download?download_frd=1)

Link to Kotlin zip file: [MyNotesApplication-Template \(Kotlin\).zip](https://dlsu.instructure.com/courses/214805/files/26095728?wrap=1) (https://dlsu.instructure.com/courses/214805/files/26095728?wrap=1) 
(https://dlsu.instructure.com/courses/214805/files/26095728/download?download_frd=1)


Instructions

1. Ideally, use the Android project template provided as a template. The project may be in Java or Kotlin.
2. Complete the project to fulfill the specifications of the problem, as described above.
3. When done, export your project as a zip file (please see instructions below).
4. Upload the zipped project as your submission to this exercise.

How to Export Project as Zip (in Android Studio 4.x)?

In order to export an Android Studio Project as a zip file, from the IDE, go to File -> Export -> Export to Zip file. Select the appropriate directory to save the zip file. Please note that this is different from compressing the entire project folder. Performing the indicated steps results in a slightly more compressed version of the project -- lighter file, easier to upload.

Project / Settings / Considerations

- A full Android project is provided, so you may use the template as your own project. **However, you MUST place your name and section in a comment on each Java or Kotlin file of the project.**
 - Deductions will be applied if there are missing comments.
- If you're planning to create a project from scratch, then please follow the following format:
 - Please name the project properly. For reference, please follow the format specified:
 - **AndroidChallenge1<LastName><FirstName>**
 - **e.g. AndroidChallenge1TigheEdward**
 - Please name the package name properly. For reference, please follow the format specified:
 - **com.mobdeve.<section>.<lastname>.<first name>.androidchallenge1**
 - **e.g. com.mobdeve.s15.tighe.edward.androidchallenge1**
- Kindly set the minimum SDK support to either API 23
- For your own sake, please observe proper labeling of view ids.
 - There are different conventions, such as those found here: <https://stackoverflow.com/questions/12870537/android-naming-convention>  (https://stackoverflow.com/questions/12870537/android-naming-convention)
 - The convention helps in readability and documentation.
- Your instructor reserves the right to apply deductions for not following these instructions.

Category	Points
Layout of ViewNoteActivity	15
Implementation of MyViewHolder	10
Implementation of MyAdapter	12.5
Setup of RecyclerView	7.5
Can view a Note's details	20
Can edit a Note's details	25
Changing Enabled Attribute of Save Changes Button	10

[View Rubric](#)

Select Grader




OLIVER LESTER L. BERRIS (Teacher)





MyNotes App Rubric

Criteria	Ratings						Pts
	15 pts Fully Functioning 	12 pts w/ 1-2 Minor Error And the app does not crash.	8 pts w/ Multiple Minor Error The app may crash due to the implementation but the errors are easily fixable.	5 pts w/ Major Error(s) A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	2.5 pts Attempted Functionality was at least attempted and is lacking most signs of the logic needed.	0 pts Not Implemented The app does not show any implementation of the assessed feature.	
Layout of ViewNoteActivity							15 / 15 pts
Implementation of MyViewHolder	12.5 pts Fully Functioning 	10 pts w/ 1-2 Minor Error And the app does not crash.	7 pts w/ Multiple Minor Error The app may crash due to the implementation but the errors are easily fixable.	4 pts w/ Major Error(s) A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	2 pts Attempted Functionality was at least attempted and is lacking most signs of the logic needed.	0 pts Not Implemented The app does not show any implementation of the assessed feature.	12.5 / 12.5 pts

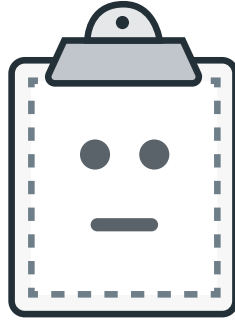
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MyNotes App Rubric

Criteria	Ratings						Pts
			are easily fixable.	moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.		assessed feature.	
	10 pts Fully Functioning 	8 pts w/ 1-2 Minor Error And the app does not crash.	5 pts w/ Multiple Minor Error The app may crash due to the implementation but the errors are easily fixable.	3 pts w/ Major Error(s) A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	1.5 pts Attempted Functionality was at least attempted and not show any signs of the logic needed.	0 pts Not Implemented The app does not show any signs of implementation of the assessed feature.	
Implementation of MyAdapter							10 / 10 pts
	7.5 pts Fully Functioning 	6 pts w/ 1-2 Minor Error And the app does not crash.	4 pts w/ Multiple Minor Error The app may crash due to the implementation but the errors are easily fixable.	2 pts w/ Major Error(s) A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	1 pts Attempted Functionality was at least attempted and not show any signs of the logic needed.	0 pts Not Implemented The app does not show any signs of implementation of the assessed feature.	
Setup of RecyclerView							7.5 / 7.5 pts
	20 pts Fully Functioning 	16 pts w/ 1-2 Minor Error And the app does not crash.	11 pts w/ Multiple Minor Error The app may crash due to the implementation but the errors are easily fixable.	7 pts w/ Major Error(s) A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	3.5 pts Attempted Functionality was at least attempted and not show any signs of the logic needed.	0 pts Not Implemented The app does not show any signs of implementation of the assessed feature.	
Can view a Note's details							20 / 20 pts

MyNotes App Rubric

Criteria	Ratings						Pts
			are easily fixable.	moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.		assessed feature.	
	25 pts Fully Functioning	20 pts w/ 1-2 Minor Error	14 pts w/ Multiple Minor Error	8.5 pts w/ Major Error(s)	4 pts Attempted	0 pts Not Implemented	
Can edit a Note's details	 And the app does not crash.	The app may crash due to the implementation but the errors are easily fixable.	A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	is lacking most signs of the logic needed.	was at least attempted and not show any	The app does not show any implementation of the assessed feature.	25 / 25 pts
	10 pts Fully Functioning	8 pts w/ 1-2 Minor Error	5 pts w/ Multiple Minor Error	3 pts w/ Major Error(s)	1.5 pts Attempted	0 pts Not Implemented	
Changing Enabled Attribute of Save Changes Button	 And the app does not crash.	The app may crash due to the implementation but the errors are easily fixable.	A good amount of implementation is present and the logic is moving towards implementing the feature. However, the app crashes due to the implementation of the assessed feature.	is lacking most signs of the logic needed.	was at least attempted and not show any	The app does not show any implementation of the assessed feature.	10 / 10 pts
Total Points: 100							

AnimoSpace Support



Preview Unavailable

DGClemente_MyNotesApplication.zip

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