

## Task 4: Working with CardViews

Due: 08-July-2023 (Saturday) 11:59 PM

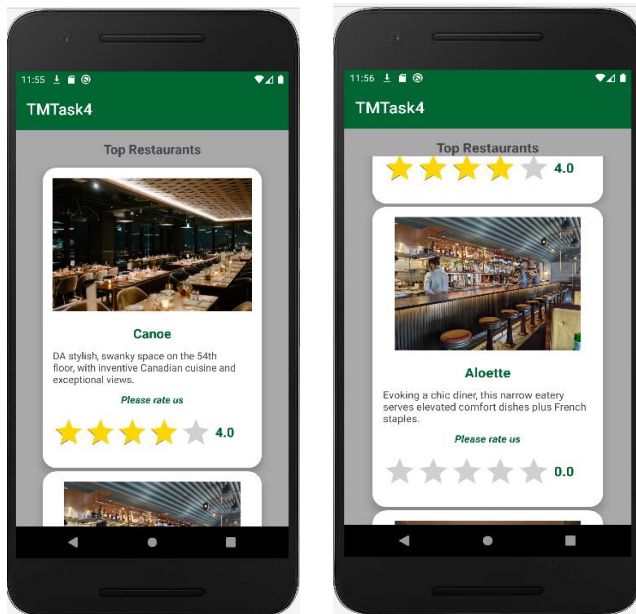
Note: See Marking sheet in the end

### Project Setup

1. Create a new Android project with an empty views activity. Application should be named in the format '**YournameTask4**' (Example: PeterTask4)

### UI Setup

1. Design layouts for five card views with the layout files as restaurant1.xml, restaurant2.xml, restaurant3.xml, restaurant4.xml, and restaurant5.xml as shown in the below images.
2. Each card consists of the thumbnail image of the restaurant, name of the restaurant, a text that reads '*Please rate us*', a rating bar, and the current rating value.
3. You are free to use your images with proper reference.
4. Include all these cards into a scroll view in the main layout activity\_main.xml. Use **<include layout>** wherever applicable.



### Java Code

1. You need to write the Java code for implementing the functionality of the rating bar for all cards. The rating value that you selected should be populated into a text view at the right of the rating bar.

### What to submit:

1. Take all the relevant screen shots of your running application and paste it in a word document.
2. Include the commented Java code in the same Word document. Java code should be commented meaningfully. **Do not paste the Java code as image. If the Java code is pasted as image, the submission will not be considered for evaluation and the task will be graded 0 (Zero).**
3. **Submissions without the Word document will also be graded 0 (Zero).**
4. Name the Word document as 'YournameTask4.docx'. Do not zip the Word document.

5. Zip your entire android application package.
6. Upload the above two files on e-Conestoga into the folder 'Task 4 – Working with CardViews'.

Marking Sheet	
Total Grade Points	3
Marks Allocated	
CardViews designed as per requirements	1
CardViews included in the mail layout as per requirements	1
Implementation rating bar functionality in all the CardViews	1
Deductions	
Failure to submit the word document and the application zip file in the Task 4 submission folder under assignment section on eConestoga	100%
Failure to submit the Word document with meaningfully commented Java code and screen shots	100%
Late Penalty	
Hours Late from Due Time	Penalty
Up to 4 hrs Late	50%
Up to 8 hrs Late	75%
More than 8 hrs Late	100%

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