Kent Crozier, Submission # ___/3

Android Project Self-Evaluation

Instructions for Use

Enter your name and submission number in the header. Complete the following rubric as a self-evaluation of your project for each of your three submissions. Remember that this self/peer/instructor-evaluation document must be submitted with your assignment to receive a grade. The following steps should be completed by each of a) yourself, b) two of your classmates (different people for each of the three submissions), and c) your instructor.

1. Enter a *Score* from zero to three for each row (component) of the rubric, based on the project specifications and point scale descriptions for that component.
2. Multiply the score by the weight for that component and enter the result in the *Score Earned* column. For rubric component rows with a weight greater than one, you may make minor adjustments (i.e. adjustments of less than the weight of that component) to the score earned to reflect your assessment on the degree to which you achieved the component.
3. Enter the sum of the scores earned in the *Total Earned* row at the bottom.
4. Complete the comments section at the bottom.

Your instructor will determine your grade on your third and final submission. Scoring less than 100% on your first two submissions is expected! Use your assessment as well as feedback from your peers and instructor to identify where you should focus your attention when making improvements (correcting defects, adding required components, new features to improve usefulness and UX, code organization, etc.).

Rubric for Android Project

Rubric Component	Point Scale				Score (0-3)		Weight	Score Earned
	3	2	1	0				
General	Exemplary code organization/structure and efficiency	Adequate code organization/ structure and efficiency	Needs improvement in terms of code organization/ structure and efficiency	Inadequate commenting, poor organization/structure and code efficiency	You	2	1	2
					P1	2		2
					P2	2		2
					Ins.			
User Interface and Event-Handling	All user interface and event-handling requirements are met;	Most requirements are met, but there are a few notable defects	Some requirements are met, but there are numerous defects/errors	Incomplete/does not meet minimum level of performance	You	2	1	2
					P1	2		2
					P2	2		2

	very minor, or no defects identified				Ins.			
Data Persistence	All data persistence requirements are met; very minor, or no defects identified	Most requirements are met, but there are a few notable defects	Some requirements are met, but there are numerous defects/errors	Incomplete/does not meet minimum level of performance	You	3	2	3
					P1	3		3
					P2	3		3
					Ins.			
Connectivity	The app performs Internet/web or another acceptable form of connectivity, to a relatively high degree of complexity. The processing is efficient (i.e. a separate thread is used) and application lifecycle is appropriately considered.	The app performs Internet/web or another acceptable form of connectivity, but not to a very high degree of complexity.	The app performs Internet/web or another acceptable form of connectivity at a basic level. There are lifecycle-related issues and/or threading (asynchrounous processing) is not properly employed.	The app does not effectively achieve the required connectivity requirements.	You	3	2	3
					P1	3		3
					P2	3		3
					Ins.			
Usefulness and usability	The app solves a problem, is useful, and the user experience (UX) is compelling. Required techniques (data persistence, connectivity) are used appropriately and are employed usefully within the context of the purpose of the app.	The app solves a problem, though the user experience could use some improvement. Required techniques are mostly used appropriately and usefully.	The usefulness and UX of the app could be improved. Required techniques are not all effectively employed.	The app is incomplete, does not have a well-defined purpose, offers an unintuitive UX, or does not employ the required features effectively.	You	2	1	2
					P1	2		2
					P2	2		2
					Ins.			
							Total Earned (max 21)	

Your Comments

Is there anything you are having trouble with? What do you think you did exceptionally well? What are you aiming to do for your next submission? Is there anything you would like your instructor to give special attention to when reviewing or evaluating your assignment?**:**

The big success for this milestone was creating a service to handle the GPS location updates. Google map is now updated with GPS polylines in realtime. I also created some custom classes to better handle my data for persistance, wrapped in an Async task. Things are slow on the UI side, but a couple of improvments were made: main screen approximates final app look, and I added an EditRun activity to handle saving a run.

Needs work:

- A lot of code cleanup on my initial classes
- List view on View Runs activity needs significant UI formatting
- Need to change ViewRoute activity to show run stats instead of just GPS data
- Add export to CSV option for GPS points
- Add warm up/cool down buttons
- Add heatmap

Lots of work left to do, but the big structural components are more or less there.

Peer Comments

For each submission you need to have *at least* two people – and different people for each of your three submissions -- complete this rubric for the assignment and enter their comments here:
e.g. Reviewer: John B. (submission 1): I think the app is coming along well so far. The layout and screens are well designed already. The connectivity component isn't well defined yet and there are some errors saving data in some cases. I think a settings screen which allows saving of favourite locations would be a big UX improvement in terms of usability.

Reviewer: Leandra Figueira Fernandes: I enjoyed the idea and the implementation. It is a useful app, and I would use it. The first layouts are great, looking good. Also, good work implementing Google Maps! Code organization also looks good.

Reviewer: Curtis Busch

- The main page looks great, awesome styling and background image
- Code looks well structured and organized
- I can see the app being very useful, something i would use myself for sure
- Very interesting google map integration

Instructor Comments