**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 | 3 | 1 | 3 |
| P1 |  |  |
| P2 |  |  |
| Ins. |  |  |
| *User Interface and Event-Handling* | All user interface and event-handling 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 | 2 | 1 | 2 |
| P1 |  |  |
| P2 |  |  |
| 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 | 6 |
| P1 |  |  |
| P2 |  |  |
| 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 | 6 |
| P1 |  |  |
| P2 |  |  |
| 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 | 3 | 1 | 3 |
| P1 |  |  |
| P2 |  |  |
| Ins. |  |  |
| **Total Earned (max 21)** | | | | | | | | 20 |

**App Description**

Describe in detail what your app does, and how it should be used.

As a part of this project, I am creating a mobile client for the full stack application I have created in the past. My website talks to my server via JSON API which I am using to persist user data in my mobile application. My Mobile application implements Authentication (includes Sign Up, Login and Logout) and it will let users to perform CRUD functions on expenses and incomes in their accounts. If I will have enough time at the end of this project timeline, I will also implement the Statements page in my app.

**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?**:**

I was able to implement the Authentication successfully in my project’s first submission. I was also able to create a modular code which easily lets me add new API functions in my app without implementing same code in all the activities. I was also able to create an easier way to handle errors from JSON API.

Things which are already done:

* Login
* Sign Up (90%, please read the notes from below)
* Logout (Menu item in the app bar once you login)
* Fetch all expenses
* View each expense
* Delete any expense

Note: I am still working on the Sign Up page. Technically, it should work just fine but if you get any issues while creating account from my app, please consider creating account on <https://expense-tracker-app.now.sh/> . If you do not want to create new account you can simply use following credentials to access data:

Username: harsh

Password: password

Next Milestone:

* I am planning to complete my whole project before next milestone. There is only two new thing I have to add in my project, Create/Edit Expense Activity and User Preference Activity. Once I will complete the Create/Edit Activity for expense, technically I am doing the same thing for Incomes as well so it will be just copy pasting some code. I will also be refactoring some code to remove redundancy of my code.

**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:

Unfortunately I was not able to get any peers for this milestone because I had very little time left before the due date of the submission. We were also allowed to skip peer reviewing for the first submission so I am submitting it without it. I hope it is okay. Thanks!

**Instructor Comments**