Reviews Analysis Survey

Our research group at the University of Zurich is conducting a survey to quantitatively evaluate our tool AUREA for analysing and classifying mobile apps reviews. Therefore we would kindly ask you to answer the following questions and perform the described tasks. We will be providing the csv files containing the reviews for several Android apps and access to the AUREA tool. The survey has the following summary:
* background information
* task description and questions using the reviews from the AcDisplay app (http://bit.ly/1C0T0WV)
* task description and questions using the reviews from the Pixel Dungeon app (http://bit.ly/1qw9gqB)
* task description and questions using the reviews from the Terminal Emulator for Android app (http://bit.ly/1ldVgjK)
* general feedback for the AUREA tool

Thank you,
Adelina Ciurumelea (PhD student at the University of Zurich)
Sebastiano Panichella (Senior Research Associate at the University of Zurich)

1. **What is your current occupation?**

   _____

2. **How many years of experience do you have in developing software?**
   Mark only one oval.

   ◯ < 1 year

   ◯ < 3 years

   ◯ < 5 years

   ◯ >= 5 years

Task 1.1 - AcDisplay

Please use the provided csv file containing the reviews of the AcDisplay app using Excel to answer the following questions. For each questions please find at least 3-5 reviews to support your answer and record the TIME required to solve each task.

3. **What is the general opinion of the users regarding the security of the application?**

_____

_____

_____

_____

_____

4. **How long did it took you to accomplish this task with Excel?**

_____

5. **What is the battery consumption of the app that users report?**

_____

_____

_____

_____

_____

6. **How long did it took you to accomplish this task with Excel?**

_____

Task 1.2 - AcDisplay

Please use the AUREA tool with the provided csv for the AcDisplay app to answer the following questions. For each

questions please find at least 3-5 reviews to support your answer and record the TIME required to solve each task.

7. **What is the general opinion of the users regarding the security of the application?**

   _____

   _____

   _____

   _____

   _____

8. **How long did it took you to accomplish this task with AUREA?**

   _____

9. **What is the battery consumption of the app that users report?**

   _____

   _____

   _____

   _____

10. **How long did it took you to accomplish this task with AUREA?**

    _____

11. **How difficult was solving the two tasks with Excel?**

Mark only one oval.

- ( ) Very difficult
- ( ) Difficult
- ( ) Moderately difficult
- ( ) Slightly difficult
- ( ) Not difficult

12. **How difficult was solving the two tasks with AUREA?**

Mark only one oval.

- ( ) Very difficult
- ( ) Difficult
- ( ) Moderately difficult
- ( ) Slightly difficult
- ( ) Not difficult

Task 2.1 - Pixel Dungeon

Please use the provided csv file containing the reviews of the Pixel Dungeon app using Excel to answer the following questions. For each questions please find at least 3-5 reviews to support your answer and record the time it takes to solve each task.

13. **What is the users opinion regarding the price of the app?**

_____

_____

_____

_____

_____

14. **How long did it took you to accomplish this task with Excel?**

_____

Task 2.2 - Pixel Dungeon

Please use the AUREA tool with the provided csv for the Pixel Dungeon app to answer the following questions. For each questions please find at least 3-5 reviews to support your answer and record the time it takes to solve each task.

15. **What is the users opinion regarding the price of the app?**

_____

_____

_____

_____

16. **How long did it took you to accomplish this task with AUREA?**

_____

17. **How difficult was solving the task with Excel?**
    Mark only one oval.

    ◯ Very difficult

    ◯ Difficult

    ◯ Moderately difficult

    ◯ Slightly difficult

    ◯ Not difficult

18. **How difficult was solving the the task with AUREA?**
Mark only one oval.

- ◯ Very difficult
- ◯ Difficult
- ◯ Moderately difficult
- ◯ Slightly difficult
- ◯ Not difficult

Task 3.1 - Terminal Emulator for Android

Please use the provided csv file containing the reviews of the Terminal Emulator for Android app using Excel to answer the following questions. For each questions please find at least 3 to support your answer and record the time it takes to solve each task.

19. **Please find a bug of the app that is reported by at least 3 users and describe it.**

_____

_____

_____

_____

_____

20. **How long did it took you to accomplish this task with Excel?**

_____

Task 3.2 - Terminal Emulator for Android

Please use the AUREA tool with the provided csv for the Terminal Emulator for Android app to answer the following questions. For each questions please find at least 3 to support your answer and record the time it takes to solve each task.

21. **Please find a bug of the app that is reported by at least 3 users and describe it.**

_____

_____

_____

_____

_____

22. **How long did it took you to accomplish this task with AUREA?**

_____

23. **How difficult was solving the task with Excel?**
    Mark only one oval.

    ⬭ Very difficult

    ⬭ Difficult

    ⬭ Moderately difficult

    ⬭ Slightly difficult

    ⬭ Not difficult

24. **How difficult was solving the task with AUREA?**
    Mark only one oval.

    ⬭ Very difficult

    ⬭ Difficult

    ⬭ Moderately difficult

    ⬭ Slightly difficult

    ⬭ Not difficult

25. **Please select one of the previous csv files and use our tool AUREA to analyse them. Then please report your experience with the tool and any suggestions for improvement you might have.**

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_____

26. **How helpful did you find AUREA in analysing reviews compared to using Excel?**

Mark only one oval.

◯ Extremely helpful

◯ Very helpful

◯ Somewhat helpful

◯ Slightly helpful

◯ Not at all helpful