

COMP 3020

USER EVALUATION

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Introduction

This report provides a brief summary of the project. It includes 5 users who tested the application, sub-tasks used to test the application, dependent and independent variables used in testing the application, a semi-structured interview for user evaluation of the project as well as a detailed analysis of the data using reporting and presentation techniques.

USERS

User Profile -1

User type – Primary User

Age: 19

Social Status: University Student

Attitude towards Computers: very positive attitude toward computers. Uses it on a daily basis to write essays and reports for school work. User 1 is a casual user.

User Profile-2

User type – Primary User

Age: 23

Social Status: University Student

Attitudes towards Computers: positive attitude towards and very anxious to understand how it works. User is a computer science student who runs programs in different languages. User is very active with computers.

User Profile-3

User type – Tertiary user

Age: 40

Social Status: Pharmacists

Attitudes towards Computers: very general attitude towards computers. User uses software to keep track of employee and drug prescription information. User is an expert in microsoft office and excel.

User Profile-4

User type – Primary User

Age: 30

Social Status: Teacher

Attitude towards Computers: very positive attitude toward computers and uses it on a daily basis for school work. User4 is a casual user.

User Profile-5

User type – Secondary User

Age: 68

Social Status: Civil Servant

Attitude towards Computers: very general attitude toward computers. Feels they are a complicated system and is yet to understand it fully. User5 is a novice user.

No of Users Tested: 5 users

APPLICATION SUB-TASKS

1. Find the movie PANHANDLE SCANDAL by Alex Lovy
2. Search for movies by Alex Lovy
3. Add the movie “Gladiator” by James Marshall
4. Search for a movie produced in 2014
5. Search for a romantic movie
6. Search for a horror movie that was produced in 2002
7. Rate the movie CAPTAIN AMERICA
8. Rate and comment “Great movie ” on the movie BULLETPROOF MONK

User 1

Application Sub-Tasks	Time taken (In secs)	No of Errors
Task 1	1.8	0
Task 2	2	1
Task 3	3	2
Task 4	1	0
Task 5	1	0
Task 6	1.3	1
Task 7	2.6	0
Task 8	3.0	1
Total Time taken:	15.7	5

User 2

Application Sub-Tasks	Time taken (In secs)	No of Errors
Task 1	1.2	0
Task 2	2	0
Task 3	1.8	1
Task 4	1	0
Task 5	1	0
Task 6	1.3	0
Task 7	2.8	0
Task 8	2	0
Total Time Taken:	13.1	1

User 3

Application Sub-Tasks	Time taken (In secs)	No of Errors
Task 1	2	0
Task 2	2.1	1
Task 3	2.8	2
Task 4	1.5	0
Task 5	1.5	0
Task 6	1.6	1

Task 7	2.9	0
Task 8	2.4	1
Total Time Taken:	16.8	5

User 4

Application Sub-Tasks	Time taken (In secs)	No of Errors
Task 1	1.5	0
Task 2	2	0
Task 3	3	0
Task 4	1.1	0
Task 5	1.1	0
Task 6	1.3	1
Task 7	1.5	0
Task 8	2.9	0
Total Time Taken:	14.4	1

User 5

Application Sub-Tasks	Time taken (In secs)	No of Errors
Task 1	2.6	1
Task 2	3	2
Task 3	4.0	4
Task 4	2.8	1
Task 5	1.8	0

Task 6	3	2
Task 7	5.0	2
Task 8	4.0	3
Total Time Taken:	26.2	15

OTHER EVALUATION TECHNIQUES / PROJECT ANALYSIS

SEMI-STRUCTURED INTERVIEW

1. Do you watch movies ? Yes ? No ?
2. If yes, what kind of movie interests you ? If No, give reasons?
3. From 1-5, with 1 being very difficult and 5 being very easy, how would you rate your experience with this application in terms of finding a movie of your choice?
4. From 1-5, with 1 being very difficult to remember and 5 being very easy to remember, how would you rate your experience in terms of remembering the steps you took to find the movie of your choice?
5. Were you able to get access to all the information you need for a movie of your choice?
6. Did you encounter any issues with the application? If yes, state the issues you encountered.
7. Would you like to use this application next time to find movies you like ?
8. Are there any recommendations or improvements you would like to see in the application? If yes, state this recommendations or improvements.

PROJECT ANALYSIS / OBSERVATIONS

Users that conducted the testing included 3 primary users, 1 tertiary user and 1 secondary user . From the semi-structured interview we conducted for the application, we found that 80% of users (4 out of 5) like watching movies and 75% of users would like to use the system again. In the unit testing, User2 finished the application tasks with the shortest time (i.e 13.1), while User5 finished the application tasks with the most time (i.e 26.2). User2 and User4 finished the application tasks with least amount of errors (i.e 1) while User5 had the most amount of errors (i.e 15) . Users stated that the scatterplot helped significantly in their search for a particular movie or actor. A user suggested for a zoom out/in function added to the system in other to filter the search for the movie of choice.

CONCLUSION

1. We learnt that collect feedback from users helps to provide us with ideas to improve the system. The feedback was very beneficial for building up an ideal movie organizer application.
2. We would look for more individuals to give us more data concerning what they would like to see in a movie system and how best to serve them.
3. We can integrate unit testing into our work by exchanging feedback with users regarding how to improve our system or software.
