

**ADANA ALPARSLAN TÜRKEŞ BİLİM VE TEKNOLOJİ ÜNİVERSİTESİ**

SOFTWARE ENGINEERING

USABILITY TEST REPORT

TOLGA BOROĞLU

170202036

USABILITY EVALUATION OF ATU HOSPITAL SYSTEM :

1.INTRODUCTION

this project is being carried out to test the functionality of ATU hospital's patient and doctor registration. There are 4 users who have tested this project and they all have sufficient knowledge about this field with high computer knowledge.

2.PURPOSE OF THE STUDY

The purpose of this test is to test the patient registration system by hospital admin. Taking into account the opinions of users, it is necessary to identify the shortcomings of the program and correct the errors.

3.PARTICIPANTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| USERS | GENDER | COMPUTER SKILLS | EDUCATION STATUS | JOB |
| User 1 | Male | Advanced | University Graduate | Patient Admission |
| User 2 | Female | Advanced | University Graduate | Patient Admission |
| User 3 | Male | Adequate | High School Graduate | Patient Admission |
| User 4 | Female | Adequate | High School Graduate | Patient Admission |

Participants consist of 4 people between ages of 25 and 45.The people we do the test with are usually admin who work at the hospital because this program is made specifically for administrators who register patients.

4.USABILITY METHODS :

When applying the usability method of this program, the admins were sent the program by email and asked to test it by installing and set up it on each of their computers. They shared their problems with us through Zoom and they wrote the insufficient ones to us on Whatsapp.

5. TASK ASSIGNED TO PARTICIPATIONS

Four tasks have been determined for the participants. These are:

* Register and log in to automation.
* Add,delete and show patient and doctor.
* List appointments and add and show clinics.
* Finally, log out of the program.

6. EVALUATION RESULTS

The success rate of this program is 95%, but 1 of the users said that the program has shortcomings and the back button does not work normally when logging out, but the program is generally logical and easy.

Their time to perform these tasks took an average of 45 minutes, and they were successful on their first attempt.

7.DETECTED PROPLEMS

All users have completed their tests and have not encountered any errors in general.But they said that the back button in the program does not work normally, when they want to go back, they press the cross. So they said instead of going back to where they made a mistake, they went back to the beginning.

8.SUGGESTIONS

After the tasks are completed, I would like to development the back button, and we will solve the problem we have with the back button, making the program work more logically and functionally.

9.CONCLUSION

In this project, the functionality of hospital automation was tested and errors were detected and it was mentioned that it would be made better. Thanks to these user tests, it helped the people who made the program to make the program better.