Appendix D

User Acceptance Test Report

D.1 User Acceptance Questionnaire

Figure D.1 shows the user acceptance questionnaire of the software. We sent the software installation package and questionnaire to a total of 8 participants at the same time. After installing the program, the participants learned to use the software according to the software tutorial and then completed the questionnaire. The questionnaire consists of 10 questions from five aspects: software interface, software function, system efficiency, and user acceptance. Each question has 1-10 levels, ranging from strongly disagreement to strongly agreement.

D.2 Results

We invited a total of 10 users to participate in the survey. The results are shown in the table. There are nine questions in the questionnaire, each of which accounts for 10%. Among them, the scores of questions 4, 5, and 6 are 10-x (x is the user's score). The total score is converted into a hundred-point system for display.

According to the average score of the total score, the score of the software is 61.7. We can conclude that the user feels good when using the software, but there are still some areas

Question Number	1	2	3	4	5	6	7	8	9	Total Score(100)
User 1	5	5	6	2	2	4	4	7	6	61
User 2	5	7	10	5	8	3	5	7	3	56.5
User 3	7	10	1	5	5	8	7	7	10	60
User 4	8	6	8	2	5	4	7	7	7	70
User 5	7	8	3	2	2	3	9	8	9	75
User 6	2	7	9	4	7	10	2	1	1	35
User 7	7	4	7	3	4	7	9	7	6	62
User 8	6	8	3	2	2	3	9	8	7	75
User 9	7	7	6	2	2	7	4	7	6	57.5
User 10	6	6	8	2	6	8	7	7	9	65
Average Score	6	6.8	6.1	2.9	4.3	5.7	6.3	6.6	6.4	61.7

Table D.1: User Acceptance Result

that need improvement. Users generally think that the software runs slower than similar software, and must have some professional knowledge when using the software, however, they think that the software is very friendly to novices and are willing to recommend it to colleagues and friends. We will make corresponding improvements based on user feedback in the future.

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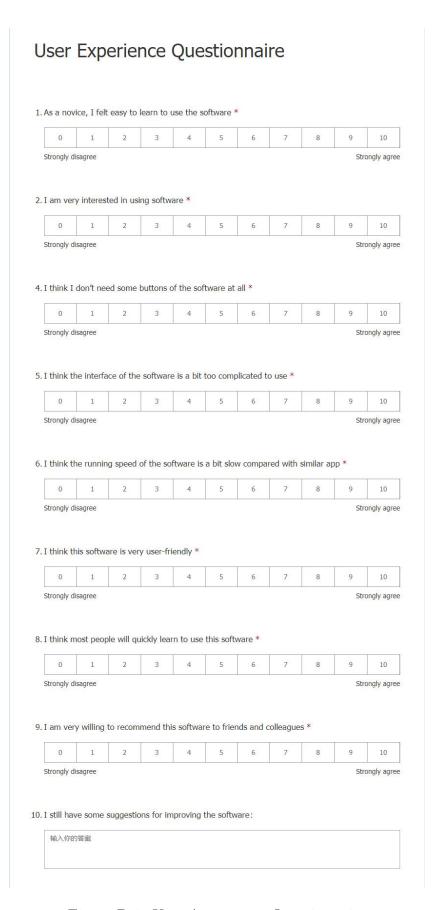


Figure D.1: User Acceptance Questionnaire