# **APPENDIX B**

# **EXPERT’S EVALUATION RESULT**

Table 1: Experts Evaluation Result, N=5

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Functionality*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Suitability** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Accurateness** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Interoperability** | 5(5) | 0(4) | 0(3) | 0(2) | 0(1) | 5 |
| **Compliance** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Security** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Sub-Mean** | | | | | | **4.68** |
| ***Reliability*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Maturity** | 3(5) | 2(4) | 0(3) | 0(2) | 0(1) | 4.6 |
| **Fault Tolerance** | 3(5) | 2(4) | 0(3) | 0(2) | 0(1) | 4.6 |
| **Recoverability** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Sub-Mean** | | | | | | **4.666667** |
|  | | | | | |  |
| ***Usability*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Understandability** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Learnability** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Operability** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Sub-Mean** | | | | | | **4.533333** |
|  | | | | | |  |
|  | | | | | |  |
|  | | | | | |  |
| ***Efficiency*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Time Behavior** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Resource Behavior** | 5(5) | 0(4) | 0(3) | 0(2) | 0(1) | 5 |
| **Sub-Mean** | | | | | | **4.9** |
|  | | | | | |  |
| ***Maintainability*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Analyzability** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Changeability** | 3(5) | 2(4) | 0(3) | 0(2) | 0(1) | 4.6 |
| **Stability** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Testability** | 3(5) | 2(4) | 0(3) | 0(2) | 0(1) | 4.6 |
| **Sub-Mean** | | | | | | **4.5** |
|  | | | | | |  |
| ***Portability*** | **5** | **4** | **3** | **2** | **1** | **Mean** |
| **Adaptability** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Installability**. | 3(5) | 2(4) | 0(3) | 0(2) | 0(1) | 4.6 |
| **Conformance** | 2(5) | 3(4) | 0(3) | 0(2) | 0(1) | 4.4 |
| **Replaceability** | 4(5) | 1(4) | 0(3) | 0(2) | 0(1) | 4.8 |
| **Sub-Mean** | | | | | | **4.65** |

Table 6: Overall ISO System and Software Quality Requirement and Evaluation (SQuaRE) result, N=5

|  |  |
| --- | --- |
| **Criteria** | **Sub-Mean** |
| Functionality | 4.68 |
| Reliability | 4.6666667 |
| Usability | 4.53333 |
| Efficiency | 4.9 |
| Maintainability | 4.5 |
| Portability | 4.65 |
| **Overall Sub-Mean:** | **4.655** |