ISO/IEC 25019:2023-11 (E)

Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Quality-in-use model

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1
3.1 Quality-in-use 2
3.2 Quality-in-use characteristics and sub-characteristics 7
3.3 Related SQuaRE concepts 8

4 Quality-in-use model 11
4.1 General 11
4.2 Stakeholder 11
4.3 Quality-in-use in context 12
4.4 Quality-in-use model structure 12
4.5 Target of the quality-in-use model 13
4.6 Using the quality-in-use model 15

Annex A (informative) Comparison with the quality-in-use model in ISO/IEC 25010:2011 16

Annex B (informative) The relationship between quality characteristics, quality sub-characteristics, and their stakeholder's needs 19

Annex C (informative) Example of quality-in-use characteristics and their effect and influence 21

Annex D (informative) Example of applying the quality-in-use model to an application 26

Bibliography 30