
Evaluation Framework Case Report

ISO 25010: Product Quality - Light

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Contents

1	Evaluation	2
2	Result	3
2.1	AS-IS	3
2.1.1	AS-IS Radar Chart	3
2.1.2	AS-IS DataTable	3
2.1.3	AS-IS Rationale	4
2.2	TO-BE	5
2.2.1	TO-BE Radar Chart	5
2.2.2	TO-BE DataTable	5
2.2.3	TO-BE Rationale	6
A	How to read the EF report	7
A.1	Color schemes	7
A.2	QES Report Components	7

1 Evaluation

Dimension	Weight
Functionality	20.00
Usability	20.00
Reliability	20.00
Security	20.00
Maintainability	20.00

Table 1: ISO 25010: Product Quality - Light

2 Result

2.1 AS-IS

2.1.1 AS-IS Radar Chart

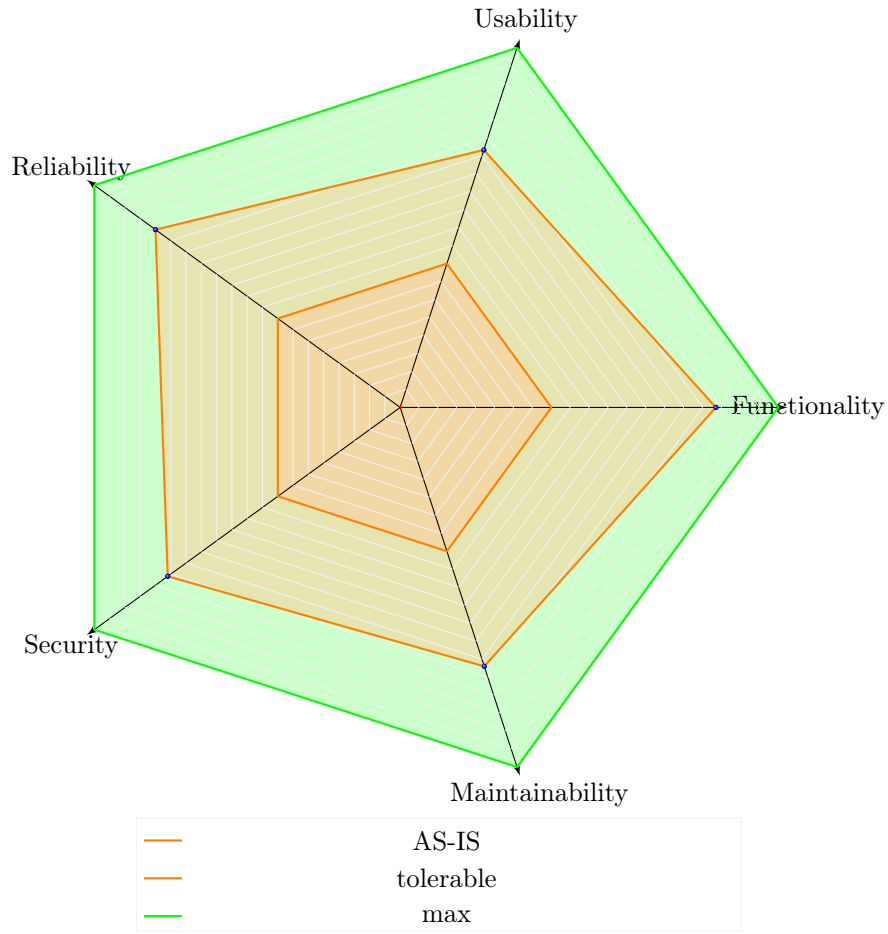


Figure 1: AS-IS Radar Chart

2.1.2 AS-IS DataTable

Dimension	Dimension Score	Sub Dimension	Score
Functionality	16.70	F. Completeness	6.80
Functionality	16.70	F. Correctness	4.62
Functionality	16.70	F. Appropriateness	5.28
Usability	14.32	Recognizability	2.80
Usability	14.32	Learnability	1.60
Usability	14.32	Operability	2.88
Usability	14.32	User Error Protection	2.24
Usability	14.32	UI Aesthetics	2.88
Usability	14.32	Accessibility	1.92
Reliability	16.00	Maturity	4.50
Reliability	16.00	Availability	3.50
Reliability	16.00	Fault Tolerance	3.00
Reliability	16.00	Recoverability	5.00
Security	15.20	Confidentiality	3.60
Security	15.20	Integrity	2.80
Security	15.20	Non-repudiation	2.00
Security	15.20	Authenticity	3.60
Security	15.20	Accountability	3.20
Maintainability	14.40	Modularity	3.20
Maintainability	14.40	Reusability	4.00
Maintainability	14.40	Analysability	2.40

Dimension	Dimension Score	Sub Dimension	Score
Maintainability	14.40	Modifiability	2.80
Maintainability	14.40	Testability	2.00
AS-IS Score			348.02

Table 2: AS-IS table

2.1.3 AS-IS Rationale

2.2 TO-BE

2.2.1 TO-BE Radar Chart

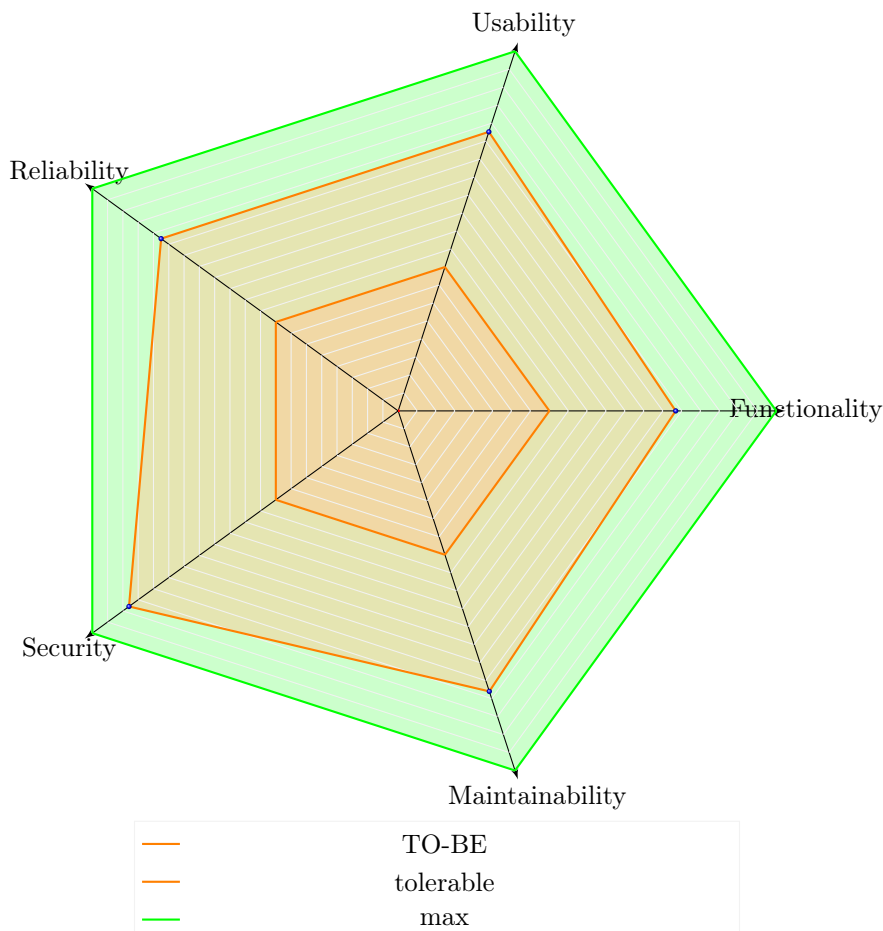


Figure 2: TO-BE Radar Chart

2.2.2 TO-BE DataTable

Dimension	Dimension Score	Sub Dimension	Score
Functionality	14.68	F. Completeness	5.44
Functionality	14.68	F. Correctness	4.62
Functionality	14.68	F. Appropriateness	4.62
Usability	15.52	Recognizability	4.00
Usability	15.52	Learnability	2.24
Usability	15.52	Operability	1.60
Usability	15.52	User Error Protection	2.88
Usability	15.52	UI Aesthetics	2.56
Usability	15.52	Accessibility	2.24
Reliability	15.50	Maturity	5.00
Reliability	15.50	Availability	3.00
Reliability	15.50	Fault Tolerance	3.50
Reliability	15.50	Recoverability	4.00
Security	17.60	Confidentiality	2.80
Security	17.60	Integrity	3.60
Security	17.60	Non-repudiation	4.00
Security	17.60	Authenticity	3.20
Security	17.60	Accountability	4.00
Maintainability	15.60	Modularity	3.60
Maintainability	15.60	Reusability	2.00
Maintainability	15.60	Analysability	2.40
Maintainability	15.60	Modifiability	4.00

Dimension	Dimension Score	Sub Dimension	Score
Maintainability	15.60	Testability	3.60
TO-BE Score			365.16

Table 3: TO-BE table

2.2.3 TO-BE Rationale

A How to read the EF report

This appendix is a manual for how to read the EF report.

A.1 Color schemes

GREEN Above wish trash-hold across stakeholders

YELLOW Between goal and wish trash-hold across stakeholders

ORANGE Between tolerable and goal trash-hold across stakeholders

RED Below tolerable trash-hold across stakeholders

A.2 QES Report Components

Radar Chart uneven weighting of dimension will result in shift the corresponding dimension of the radar chart.

Dimensions Each dimension is derived from DF. For details, se individual DF report.

Adjusted score All scores (Solution Score, Dimension Score and Sub Dimension Score) are adjusted to the given weight of dimensions