

Requirements Traceability Template

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This template provides a structured format for maintaining traceability between requirements artifacts. For more information, see the Requirements Engineering Guide.

1 Key Relationships

1.1 1. Business to System Requirements

Busi- ness Req ID	Sys- tem Req ID	Des- crip- tion	Sta- tus	Verifica- tion Me- thod
BR-001	SR-001, SR-002	[Brief des- crip- tion]	[Sta- tus]	[Test/Re- view/De- mo]

1.2 2. Requirements to Implementation

Sys- tem Req ID	Compon- ent ID	Design Doc Refe- rence	Sta- tus	Verifi- cation Method
SR-001	COMP-001	design/ component-001	[Sta- tus]	[Me- thod]

1.3 3. Requirements to Verification

Re- quire- ment ID	Test Case ID	Test Descrip- tion	Sta- tus	Last Execu- tion
SR-001	TC-001	[Test descrip- tion]	[Sta- tus]	[Date]

2 User Stories to Require-
ments

User Story ID	Re- quire- ment ID	Story Points	Sprint	Status
US-001	SR-001, SR-002	[Points]	[Sprint]	[Sta- tus]

3 Interface Requirements to
Components

Inter- face ID	Component ID	Docu- men- tation Ref	Status	Notes
IF-001	COMP-001	Inter- faces/if-001	[Sta- tus]	[Notes]

4 Cross-Reference Matrix

ID	BR	SR	TC	US	IF
001	✓	✓	✓	✓	-

5 Coverage Analysis

5.1 Requirement Coverage

- **Business Requirements:** [Percentage]% covered

- **System Requirements:** [Percentage]% covered
- **Test Coverage:** [Percentage]% covered

5.2 Gap Analysis

- **Uncovered Requirements:** [List of IDs]
- **Missing Test Cases:** [List of requirements]
- **Incomplete Traces:** [List of items]

6 Version History

Version	Date	Descrip- tion	Author
1.0	YYYY- MM-DD	Initial version	[Name]

7 Appendices

7.1 Related Documents

- Requirements Specification
- Test Plan
- Design Documents

7.2 Legend

- ✓: Direct relationship
- △: Indirect relationship
- -: No relationship
- TBD: To be determined