***TRACEABILITY MATRIX***

**1. User Requirement Specifications and System Requirement Specifications**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SRS**    **URS** | **SRS-01** | **SRS-02** | **SRS-03** | **SRS-04** | **SRS-05** | **SRS-06** | **SRS-07** | **SRS-08** | **SRS-09** | **SRS-10** | **SRS-11** | **SRS-12** | **SRS-13** | **SRS-14** | **SRS-15** | **SRS-16** | **SRS-17** | **SRS-18** | **SRS-19** | **SRS-20** | **SRS-21** | **SRS-22** | **SRS-23** | **SRS-24** | **SRS-25** | **SRS-26** |
| **URS-01** | ✔ | ✔ | ✔ |  |  |  |  |  | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |  | ✔ |  |  |  |
| **URS-02** |  |  |  |  |  | ✔ | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  | ✔ | ✔ |  |  |  |  |
| **URS-03** |  |  |  |  |  |  |  |  | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |  | ✔ | ✔ | ✔ |  |
| **URS-04** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-05** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ | ✔ |
| **URS-06** |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  | ✔ |  |  |  |  |  |  |  |  |  | ✔ |  | ✔ |  |
| **URS-07** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-08** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-09** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-10** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-11** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-12** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-13** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-14** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-15** |  |  |  |  |  | ✔ | ✔ | ✔ |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  | ✔ | ✔ |  |  |  |  |
| **URS-16** |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-17** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-18** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**User Requirement Specifications and System Requirement Specifications (Cont.)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SRS**    **URS** | **SRS-27** | **SRS-28** | **SRS-29** | **SRS-30** | **SRS-31** | **SRS-32** | **SRS-33** | **SRS-34** | **SRS-35** | **SRS-36** | **SRS-37** | **SRS-38** | **SRS-39** | **SRS-40** | **SRS-41** | **SRS-42** | **SRS-43** | **SRS-44** | **SRS-45** | **SRS-46** | **SRS-47** | **SRS-48** | **SRS-49** | **SRS-50** | **SRS-51** | **SRS-52** |
| **URS-01** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-02** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-03** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |
| **URS-04** | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |  |  |
| **URS-05** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-06** |  |  |  |  | ✔ |  |  |  |  | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-07** |  |  |  |  | ✔ |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-08** |  |  |  |  | ✔ |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-09** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ | ✔ | ✔ | ✔ |  | ✔ | ✔ |  |  |  |
| **URS-10** |  |  |  |  |  | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |
| **URS-11** |  |  |  |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-12** |  |  | ✔ | ✔ | ✔ |  |  |  | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |  |  |  |  |  |  |  |  |  |  |
| **URS-13** |  |  |  |  |  |  |  |  |  |  | ✔ |  |  |  |  |  |  |  |  |  | ✔ |  |  |  |  |  |
| **URS-14** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |  |
| **URS-15** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-16** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **URS-17** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ | ✔ |  |  |  |  |  |  |  |  |  |
| **URS-18** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ✔ |  |  |