**Social Media News Tracking System**

Traceability Record

By

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**Document History**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Document name** | **Version** | **Status** | **Date** | **Viewable** | **Reviewer** | **Responsible** |
| **Documents** | | | | | | |
| SMTS\_ Traceability Record \_v.0.1.docx | 0.1   * Traceability Matrix between URS/SRS * Traceability Matrix between URS/Class Diagrams * Traceability Matrix between URS/ Sequence Diagrams * Traceability Matrix between URS/ User Interface | Released | July  28,2015 | PP, SB, CD | PP, SB | PP, SB |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **URS**  **SRS** | 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 |
| 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 |  |  |  |  | **✓** | **✓** | **✓** |  |  |  |  |  |  |  |  |

**Traceability Matrix between URS/SRS**

**Traceability Matrix between URS/SRS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **URS**  **SRS** | 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 |
| 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 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **URS**  **SRS** | 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 |
| CD-01 | **✓** | **✓** | **✓** | **✓** |  |  |  |  |  |  |  |  |  |  |  |
| CD-02 |  |  |  |  | **✓** | **✓** | **✓** | **✓** | **✓** |  |  |  |  |  |  |
| CD-03 |  |  |  |  |  |  |  |  |  | **✓** | **✓** | **✓** |  |  |  |
| CD-04 |  |  |  |  |  |  |  |  |  |  |  |  | **✓** | **✓** | **✓** |

**Traceability Matrix between URS/Class Diagrams**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **URS**  **SRS** | 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 |
| SQD-01 | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SQD-02 |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SQD-03 |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |
| SQD-04 |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |
| SQD-05 |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |
| SQD-06 |  |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |
| SQD-07 |  |  |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |
| SQD-08 |  |  |  |  |  |  |  | **✓** |  |  |  |  |  |  |  |
| SQD-09 |  |  |  |  |  |  |  |  | **✓** |  |  |  |  |  |  |
| SQD-10 |  |  |  |  |  |  |  |  |  | **✓** |  |  |  |  |  |
| SQD-11 |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |  |  |
| SQD-12 |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |  |
| SQD-13 |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |
| SQD-14 |  |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |
| SQD-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |

**Traceability Matrix between URS/** **Sequence Diagrams**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **URS**  **SRS** | 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 |
| UI-01 | **✓** | **✓** |  |  | **✓** | **✓** | **✓** |  |  |  |  |  |  |  |  |
| UI-02 |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| UI-03 | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| UI-04 |  |  | **✓** |  |  |  |  |  | **✓** |  | **✓** | **✓** |  |  |  |
| UI-05 |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |
| UI-06 |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |  |  |
| UI-07 |  |  |  |  |  |  |  | **✓** | **✓** |  |  |  |  |  |  |
| UI-08 |  |  |  |  |  |  |  | **✓** | **✓** | **✓** |  |  |  |  |  |
| UI-09 |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |  |
| UI-10 |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |  |  |
| UI-11 |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |  |
| UI-12 |  |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |
| UI-13 |  |  |  |  |  |  | **✓** |  |  |  |  |  |  |  |  |
| UI-14 |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |  |
| UI-15 |  |  |  |  |  |  |  |  |  |  |  |  |  | **✓** |  |
| UI-16 |  |  |  | **✓** |  |  |  |  |  |  |  |  |  |  | **✓** |

**Traceability Matrix between URS/** **User Interface**