Traceability Record

Traceability Matrix between URS/SRS

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SRS  URS | SRS1-1.1 | SRS1-1.2 | SRS1-1.3 | SRS1-1.4 | SRS1-2.1 | SRS1-2.2 | SRS1-2.3 | SRS1-2.4 | SRS1-3.1 | SRS1-4.1 | SRS1-4.2 | SRS1-5.1 | SRS1-5.2 | SRS1-6.1 | SRS1-6.2 | SRS1-7.1 | SRS1-7.2 | SRS1-8.1 | SRS1-8.2 | SRS1-9.1 | SRS1-9.2 | SRS1-9.3 | SRS1-10.1 | SRS1-11.1 | SRS1-11.2 | SRS1-11.3 | SRS1-11.4 | SRS1-11.5 | SRS1-12.1 | SRS1-12.2 | SRS1-12.3 | SRS1-13.1 | SRS1-13.2 | SRS1-14.1 | SRS1-14.2 | SRS1-15.1 | SRS1-15.2 |
| URS1-1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URS2-1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Traceability Matrix between Class/URS

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| URS  Class | URS1-1 | URS1-2 | URS1-3 | URS1-4 | URS1-5 | URS1-6 | URS1-7 | URS1-8 | URS1-9 | URS1-10 | URS1-11 | URS1-12 | URS1-13 | URS1-14 | URS1-15 | URS2-1 |
| Product |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| History |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cart |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Customer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ProductController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HistoryController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CartController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CustomerController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RegisterController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LoginLogoutController |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ProductDAOImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HistoryDAOImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CartDAOImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CustomerDAOImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ProductServiceImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HistoryServiceImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CartServiceImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CustomerServiceImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DatabaseServiceImpl |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Traceability Matrix between URS/Sequence

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sequence  URS | SD-1 | SD-2 | SD-3 | SD-4 | SD-5 | SD-6 | SD-7 | SD-8 | SD-9 | SD-10 | SD-11 | SD-12 |
| URS1-1 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-2 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-3 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-4 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-5 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-6 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-7 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-8 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-9 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-10 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-11 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-12 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-13 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-14 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS1-15 |  |  |  |  |  |  |  |  |  |  |  |  |
| URS2-1 |  |  |  |  |  |  |  |  |  |  |  |  |