|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | UC 1 | UC2 | UC3 | UC4 | UC5 | UC6 | UC7 | UC8 | UC9 | UC10 | UC11 | UC12 | UC13 | UC14 | UC15 | UC16 | UC17 | UC18 | UC19 | UC20 | UC21 | UC22 | UC23 |
| RQ 1 | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ 2 |  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ 3 |  |  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ4 |  |  |  | \* | \* | \* | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ5 |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ6 |  |  |  |  |  |  |  |  |  |  | \* | \* |  |  |  |  |  |  |  |  |  |  |  |
| RQ7 |  |  |  |  |  |  |  | \* | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ8 |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |  |  |  |  |  |  |
| RQ9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |  |  |  |  |
| RQ10 |  |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |  |  |  |  | \* |
| RQ11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |  |  |  |
| RQ12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* | \* |  |  |  |  |  |
| RQ13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |  |
| RQ14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* |  |  |  |
| RQ15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RQ16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* | \* |  |
| RQ17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

***Traceability matrix***