|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | REQ1 | REQ2 | REQ3 | REQ4 | REQ5 | REQ6 | REQ7 | REQ8 | REQ9 |
| REQ1 | ~ | ND,R | D,R | D,R | ND,R | D,R | D,R | D,R | D,R |
| REQ2 | D,R | ~ | D,R | ND,R | D,R | D,R | ND,R | D,R | D,R |
| REQ3 | ND,NR | D,R | ~ | ND,NR | ND,NR | ND,NR | ND,NR | ND,R | ND,R |
| REQ4 | D,R | ND,R | ND,NR | ~ | ND,R | ND,NR | ND,R | ND,R | ND,NR |
| REQ5 | ND,NR | D,R | ND,NR | ND,R | ~ | ND,NR | ND,R | ND,R | ND,NR |
| REQ6 | D,R | ND,NR | ND,NR | ND,NR | ND,NR | ~ | ND,NR | ND,NR | ND,NR |
| REQ7 | D,R | D,R | D,R | ND,NR | ND,R | ND,NR | ~ | ND,NR | ND,NR |
| REQ8 | D,R | ND,R | ND,R | ND,R | ND,NR | ND,NR | ND,NR | ~ | ND,NR |
| REQ9 | ND,R | D,R | ND,R | ND,NR | ND,R | ND,R | ND,NR | ND,R | ~ |

D- dependent

ND – not dependent

R- related

NR – not related

**DEVELOPMENT TRACIBILITY MATRIX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Use case addressing the Requirement | Classes Addressing the Requirement | Methods Addressing the Requirement | Unit Test cases addressing the Requirement |
| R1 | UC1,UC11,UC15,UC16,UC19 |  |  |  |
| R2 | UC2,UC3,UC4,UC5,UC6,UC7,UC8,UC9,UC10 |  |  |  |
| R3 | UC6,UC7,UC10 |  |  |  |
| R4 | UC16,UC17,UC18, |  |  |  |
| R5 | UC10,UC11,UC12 |  |  |  |
| R6 | UC1 |  |  |  |
| R7 | UC12,UC13 |  |  |  |
| R8 | UC20,UC21,UC22,UC23,UC24,UC25 |  |  |  |
| R9 | UC1,UC2,UC3 |  |  |  |