

# Backward traceability matrix

|            |                                   |
|------------|-----------------------------------|
| UseCase 1  | Display arithmetic symbols        |
| UseCase 2  | Display trigonometric functions   |
| UseCase 3  | Display silver ratio symbol       |
| UseCase 4  | Calculate arithmetic operations   |
| UseCase 5  | Calculate trigonometry operations |
| UseCase 6  | Calculate silver ratio            |
| UseCase 7  | Enter Number                      |
| UseCase 8  | View Result                       |
| UseCase 9  | Clear Result                      |
| UseCase 10 | Start Calculation                 |
| UseCase 11 | Built buddhist temple             |

Table 1: Use cases for backward traceability matrix

|      | UC1 | UC2 | UC3 | UC4 | UC5 | UC6 | UC7 | UC8 | UC9 | UC10 | UC11 | Interview | Persona. |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----------|----------|
| US1  | ×   |     |     |     |     |     |     |     |     |      |      |           |          |
| US2  |     | ×   |     |     |     |     |     |     |     |      |      |           |          |
| US3  |     |     | ×   |     |     |     |     |     |     |      |      |           |          |
| US4  | ×   |     |     | ×   |     |     | ×   | ×   | ×   | ×    |      |           |          |
| US5  | ×   |     |     |     | ×   |     | ×   | ×   | ×   | ×    |      |           |          |
| US6  | ×   |     |     |     |     | ×   | ×   | ×   | ×   | ×    |      | ×         |          |
| US7  |     |     |     | ×   | ×   | ×   | ×   |     | ×   |      |      |           |          |
| US8  |     |     |     |     |     |     |     | ×   | ×   |      |      |           |          |
| US9  |     |     |     |     |     |     |     |     | ×   |      |      |           |          |
| US10 |     |     |     | ×   | ×   | ×   |     |     |     | ×    |      |           |          |
| US11 |     |     |     |     |     |     |     |     |     |      | ×    | ×         | ×        |

Table 2: Backward traceability matrix