**TRACEABILITY MATRIX**:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **DESIGN ELEMENTS** | | | | | | |
| **REQUIREMENTS** |  | 1 | 2 | 3 | 4 | 5 | 6 |
| **R1** |  |  | X |  |  |  |
| **R2** |  |  | X |  |  |  |
| **R3** |  |  |  | X |  |  |
| **R4** |  | X |  |  | X |  |
| **R5** |  |  |  | X |  |  |
| **R6** |  |  |  | X |  |  |
| **R7** |  |  |  |  | X | X |
| **R8** |  |  |  | X |  |  |
| **R9** |  |  |  |  |  | X |
| **R10** |  |  |  |  |  | X |
| **R11** | X |  |  |  |  | X |
| **R12** |  |  | X |  |  |  |
| **R13** |  |  |  |  | X |  |

1 Class Diagram

2 Object Diagram

3. Sequence Diagram

4. Activity Diagram

5. ER-Diagram

6. User Interface