1. **Requirement Traceability Matrix:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **REQUIREMENT** | **DESIGN MAPPING** | **CODE MAPPING** | **UT MAPPING** | **IT MAPPING** |
| LS\_01 | a | Participant\_corner |  |  |
| LS\_02 | b | ZDA\_Authority |  |  |
| LS\_03 | c | Initialize\_tokens |  |  |
| LS\_04 | d | Generate\_winning\_lottery |  | Test case 6 |
| LS\_05 | e | Get\_winning\_lottery |  |  |
| LS\_06 | f | Grab\_token |  | Test case 1 |
| LS\_07 | g | Cancel\_token |  | Test case 2 |
| LS\_08 | h | Lottery\_confirmation |  | Test case 7 |
| LS\_09 | i | View\_allotment\_details |  | Test case 3 |
| LS\_10 | j | add\_plot | Test case 3 |  |
| LS\_11 | k | edit\_plot |  | Test case 4 |
| LS\_12 | l | delete\_plot |  |  |
| LS\_13 | m | view\_plot\_details |  |  |
| LS\_14 | n | add\_participant | Test case 1 |  |
| LS\_15 | o | edit\_participant |  | Test case 5 |
| LS\_16 | p | remove\_participant | Test case 2 |  |
| LS\_17 | q | view\_participant\_details |  |  |
| LS\_18 | r | view\_lottery\_report |  |  |
| LS\_19 | s | list\_to\_plot\_file |  |  |
| LS\_20 | t | list\_to\_participant\_file |  |  |
| LS\_21 | u | plot\_file\_to\_list |  |  |
| LS\_22 | v | paticipant\_file\_to\_list |  |  |
| LS\_23 | w | maintain\_participant\_db |  |  |
| LS\_24 | x | maintain\_plot\_db |  |  |