**TRACEABILITY MATRIX (URS / Use Case Diagram)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **URS**  **Use Case**  **Diagram** | **URS-01** | **URS-02** | **URS-03** | **URS-04** | **URS-05** | **URS-06** | **URS-07** | **URS-08** | **URS-09** | **URS-10** | **URS-11** | **URS-12** | **URS-13** | **URS-14** | **URS-15** | **URS-16** | **URS-17** | **URS-18** |
| Login to the system | × |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |
| Add the product to the system |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Edit details of the product |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Remove the products out of the system |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| See the shopping history of all customers |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Log out the system |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  | × |  |
| Register an account |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |
| Update his registration information |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |
| Browse the product catalogs |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |
| Search for the product name |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Add the product to his shopping cart |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |
| Remove the added product on the shopping cart |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |
| Select checkout to see the buying transaction summary |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |
| See the shopping history |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |
| Save the shopping cart |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |
| Continue shopping the latest cart |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **URS**  **Use Case**  **Diagram** | **URS-01** | **URS-02** | **URS-03** | **URS-04** | **URS-05** | **URS-06** | **URS-07** | **URS-08** | **URS-09** | **URS-10** | **URS-11** | **URS-12** | **URS-13** | **URS-14** | **URS-15** | **URS-16** | **URS-17** | **URS-18** |