**TRACEABILITY MATRIX**

**1. Integration Test and Sequence Diagram**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sequence Diagram**  **Integration Test** | **SD.1-1 Addproduct** | **SD.1-2 LoginAdmin** | **SD.1-3 PaymentInfo** | **SD.1-4 PaymentList** | **SD.1-5 ProductInfo** | **SD.1-6 ProductList** | **SD.1-7 ViewShoppingCartDetail** | **SD.2-1 Checkout** | **SD.2-2 EditInfo** | **SD.2-3 Login** | **SD.2-4 PaymentHistory** | **SD.2-5 Register** | **SD.2-6 SearchResult** | **SD.2-7 ViewShoppingCart** | **SD.2-8 ViewShoppingCartDetail** |
| **IT\_TC01** |  | ✔ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **IT\_TC02** |  |  |  |  |  |  |  |  | ✔ | ✔ | ✔ | ✔ |  |  |  |
| **IT\_TC03** |  |  | ✔ | ✔ |  |  |  |  |  |  | ✔ |  |  |  |  |
| **IT\_TC04** | ✔ |  |  |  | ✔ | ✔ | ✔ |  |  |  |  |  | ✔ | ✔ | ✔ |
| **IT\_TC05** |  |  |  |  |  |  | ✔ |  |  |  |  |  |  | ✔ | ✔ |
| **IT\_TC06** |  |  |  |  |  |  | ✔ | ✔ |  |  | ✔ |  |  | ✔ | ✔ |
| **IT\_TC07** |  |  |  |  |  |  |  | ✔ |  |  |  |  |  |  |  |
| **IT\_TC08** |  |  |  |  |  |  | ✔ |  |  |  |  |  |  | ✔ | ✔ |
| **IT\_TC09** |  |  |  |  |  |  |  |  |  |  | ✔ |  |  |  |  |