**Traceability Records**

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| **Project Name** | Online Shopping Website |
| **Group Name** | Feb |

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| **No** | **URS** | **Description** | **SRS** | **Sequence Diagram** | **Class Diagram** | **Method Design** | **Remark** |
| 1 | URS-01 | Customers can Log into the system. | SRS-01,SRS-02  SRS-03,SRS-04  SRS-05,SRS-06  SRS-07,SRS-09  SRS-08,SRS-10 | SD\_01 | Class-02,10,11,12,13,23 | Method-24,25,26,27 |  |
| 2 | URS-02 | Customers can register into the system. | SRS-11,SRS-02  SRS-03,SRS-12  SRS-13,SRS-14  SRS-15,SRS-16  SRS-17,SRS-18  SRS-19,SRS-06  SRS-07,SRS-08  SRS-20,SRS-21  SRS-22,SRS-23 | SD\_02 | Class-02,10,11,12,13,23 | Method-04,05,30,31 |  |
| 3 | URS-03 | Customers can view their account information. | SRS-24 | SD\_03 | Class-02,23 | Method-28 |  |
| 4 | URS-04 | Customers can edit their account information. | SRS-25,SRS-26SRS-02,SRS-03SRS-12,SRS-13  SRS-14,SRS-15  SRS-16,SRS-17  SRS-06,SRS-07  SRS-08,SRS-20  SRS-21,SRS-22  SRS-27,SRS-24 | SD\_04 | Class-02,10,11,12,13,23 | Method-07,28,32,33 |  |
| 5 | URS-05 | Customers can view product list. | SRS-28,SRS-29 | SD\_05 | Class-04,14,15,16,17 | Method-08,43,44 |  |
| 6 | URS-06 | Customers can select the product from the browse page to the cart. | SRS-28,SRS-29SRS-30,SRS-31SRS-32,SRS-33SRS-34,SRS-35 | SD\_06 | Class-04,14,15,16,17,18,19,20,21,25 | Method-08,09,14,17,35,43,44,45,46 |  |
| 7 | URS-07 | Customers can delete the product from the cart. | SRS-28,SRS-36SRS-37,SRS-38 | SD\_07 | Class-18,19,20,21,25 | Method-35,36 |  |
| 8 | URS-08 | Customers can check out. | SRS-28,SRS-39SRS-40,SRS-41SRS-42,SRS-43SRS-44,SRS-45 | SD\_08 | Class-15,16,17,18,19,20,21 | Method-41,42, |  |
| 9 | URS-09 | Customers can search product by product Id or product name. | SRS-46,SRS-47SRS-48,SRS-49SRS-29,SRS-31  SRS-50,SRS-69SRS-70,SRS-71 | SD\_09 | Class-04,14,15,16,17,18,19,20,21,25 | Method-08,09,10,14,17,35,43,44,45,46,50,51, |  |
| 10 | URS-10 | Customers can select the product from the search result page to the cart. | SRS-48,SRS-29SRS-30,SRS-31SRS-32,SRS-33SRS-34,SRS-35 | SD\_10 | Class-04,14,15,16,17,18,19,20,21,25 | Method-08,09,10,14,17,35,43,44,45,46,50,51 |  |
| 11 | URS-11 | Customers can view shopping history. | SRS-51,SRS-52SRS-53,SRS-54SRS-31,SRS-33 | SD\_11 | Class-25 | Method-37,38 |  |
| 12 | URS-12 | Customers can continue their shopping when they return to the  program later. | SRS-55,SRS-01SRS-02,SRS-03SRS-04,SRS-05SRS-06,SRS-07SRS-08,SRS-09SRS-10 | SD\_12 | Class-04,14,15,16,17 | Method-08,43,44 |  |
| 13 | URS-13 | Customers can logout. | SRS-56,SRS-57SRS-58 | SD\_13 | Class-23 | Method-29 |  |
| 14 | URS-14 | Administrator can log into the system. | SRS-01,SRS-02SRS-03,SRS-04SRS-05,SRS-06SRS-07,SRS-08  SRS-09,SRS-59 | SD\_14 | Class- | Method- |  |
| 15 | URS-15 | Administrator can view product list. | SRS-60,SRS-29 | SD\_15 | Class- | Method- |  |
| 16 | URS-16 | Administrator can delete the product from product list. | SRS-60,SRS-36SRS-37,SRS-38 | SD\_16 | Class- | Method- |  |
| 17 | URS-17 | Administrator can add new product to product list. | SRS-60,SRS-29SRS-67,SRS-31SRS-62,SRS-63SRS-49,SRS-50  SRS-64,SRS-15SRS-65,SRS-66SRS-68,SRS-69SRS-70,SRS-71SRS-22,SRS-72SRS-73,SRS-74 | SD\_17 | Class- | Method- |  |
| 18 | URS-18 | Administrator can view the shopping history list. | SRS-75,SRS-52SRS-33,SRS-31  SRS-53,SRS-54 | SD\_18 | Class- | Method- |  |
| 19 | URS-19 | Administrator can search shopping history by customer or date. | SRS-76,SRS-31SRS-47,SRS-48SRS-29,SRS-02SRS-66,SRS-06SRS-07,SRS-74 | SD\_19 | Class- | Method- |  |
| 20 | URS-20 | Administrator can logout. | SRS-56,SRS-57SRS-58 | SD\_20 | Class- | Method- |  |