**TEST PLAN**

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| **S.NO** | **OBJECTIVES** |
| 1. | To check if the system is able to add new goods to the records file. |
| 2. | To check if the system is able to display all the available goods from the records file. |
| 3. | To check if the system is able to edit goods details of the records file. |
| 4. | To check if the system is able to search and display details of certain goods from the records file. |
| 5. | To check if the system is able to calculate, customer’s bill. |
| 6. | To check if the system is able to delete details of the specific goods from the records file. |
| 7. | To check if the system terminates properly when exit option is chosen. |

**TEST CASES AND OUTPUT:**

**TEST CASE 1:**

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| **MODULE NAME** | **TESTING STEPS** | **OUTPUT** |
| Add goods | Enter 2(Select add goods from main menu).  Enter “y”.  001,52.00,300,rice.  Enter “n”.(To stop adding new records).  Enter 6(To check if the item is added).  Press “Enter”(To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | rice | 001 | 52.00 | 300 | |
| Display goods | Enter 6(Select Display goods from main menu).  Press “Enter”. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | rice | 001 | 52.00 | 300 | |
| Edit goods | Enter 4(Select Edit goods from main menu).  Enter 001(item code).  Enter “y”.  Enter 1(To modify name).  Enter “chilli”(new name).  Press “Enter”.(gets back to main menu).  Enter 6(To view the modified name) and press “Enter” (To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | chilli | 001 | 52.00 | 300 | |
| Search goods | Enter 5(Select search goods from main menu.  Enter 1(Search by code).  Enter 001(item code)  Press “Enter”.  Press “Enter”.  Enter 4(gets back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | chilli | 001 | 52.00 | 300 | |
| Calculate bill | Enter 1(Select calculate bill from main menu).  Enter 001 and 5.  Enter “end” to calculate total amount.  Press “Enter”(gets back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_quantity | Item\_rate | Total | | 1 | chilli | 5 | 52.00 | 260.00 |   TOTAL AMOUNT=INRs. 260.00 |
| Delete goods | Enter 3(Select delete goods from main menu).  Enter 001 (item code).  Press “Enter”.  Enter 6(To check if the item is deleted) and press “Enter” (back to main menu). | S\_No. Item\_name Item\_code Item\_rate Item\_quantity  No Item Found |
| Exit | Enter 7(Select exit from main menu).  Enter “y”. | (Program must terminate properly). |

**TEST CASE 2:**

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| **MODULE NAME** | **TESTING STEPS** | **OUTPUT** |
| Add goods | Enter 2(Select add goods from main menu).  Enter “y”.  002,75.00,200,wheat.  Enter “n”.(To stop adding new records).  Enter 6(To check if the item is added).  Press “Enter”(To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | wheat | 002 | 75.00 | 200 | |
| Display goods | Enter 6(Select Display goods from main menu).  Press “Enter”. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | wheat | 002 | 75.00 | 200 | |
| Edit goods | Enter 4(Select Edit goods from main menu).  Enter 002(item code).  Enter “y”.  Enter 2(To modify code).  Enter 005(new code).  Press “Enter”.(gets back to main menu).  Enter 6(To view the modified code) and press “Enter” (To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | wheat | 005 | 75.00 | 200 | |
| Search goods | Enter 5(Select search goods from main menu.  Enter 2(Search by rate).  Enter 1(lower range)  Enter 75.00(upper range).  Press “Enter”.  Press “Enter”.  Enter 4(gets back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | wheat | 005 | 75.00 | 200 | |
| Calculate bill | Enter 1(Select calculate bill from main menu).  Enter 005 and 6.  Enter “end” to calculate total amount.  Press “Enter” (gets back to main menu). | TOTAL AMOUNT = INRs. 450.00   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_quantity | Item\_rate | total | | 1 | wheat | 6 | 75.00 | 450.00 | |
| Delete goods | Enter 3(Select delete goods from main menu).  Enter 005 (item code).  Press “Enter”.  Enter 6(To check if the item is deleted) and press “Enter” (To get back to main menu). | S\_No. Item\_name Item\_code Item\_rate Item\_quantity  No Item Found |
| Exit | Enter 7(Select exit from main menu).  Enter “y”. | (Program must terminate properly). |

**TEST CASE 3:**

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| **MODULE NAME** | **TESTING STEPS** | **OUTPUT** |
| Add goods | Enter 2(Select add goods from main menu).  Enter “y”.  003,175.00,400,maida.  Enter “n”.(To stop adding new records).  Enter 6(To check if the item is added).  Press “Enter”(To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | maida | 003 | 175.00 | 400 | |
| Display goods | Enter 6(Select Display goods from main menu).  Press “Enter”. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | maida | 003 | 175.00 | 400 | |
| Edit goods | Enter 4(Select Edit goods from main menu).  Enter 003(item code).  Enter “y”.  Enter 3(To modify rate).  Enter 180.00(new rate)  Press “Enter”.(To get back to main menu).  Enter 6(To view the modified rate) and press “Enter” (To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | maida | 003 | 180.00 | 400 | |
| Search goods | Enter 5(Select search goods from main menu.  Enter 3(Search by quantity).  Enter 1(lower range).  Enter 400(upper range).  Press “Enter”.  Enter 4(To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | maida | 003 | 180.00 | 400 | |
| Calculate bill | Enter 1(Select calculate bill from main menu).  Enter 003 and 10.  Enter “end” to calculate total amount.  Press “Enter” (To get back to main menu). | TOTAL AMOUNT = INRs. 1800.00   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_quantity | Item\_rate | total | | 1 | maida | 10 | 180.00 | 1800.00 | |
| Delete goods | Enter 3(Select delete goods from main menu).  Enter 003 (item code).  Press “Enter”.  Enter 6(To check if the item is deleted) and press “Enter” (To get back to main menu). | S\_No. Item\_name Item\_code Item\_rate Item\_quantity  No Item Found |
| Exit | Enter 7(Select exit from main menu).  Enter “y”. | (Program must terminate properly). |

**TEST CASE 4:**

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| **MODULE NAME** | **TESTING STEPS** | **OUTPUT** |
| Add goods | Enter 2(Select add goods from main menu).  Enter “y”.  004,17.00,40,ravaa.  Enter “n”.(To stop adding new records).  Enter 6(To check if the item is added).  Press “Enter”(To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | ravaa | 004 | 17.00 | 40 | |
| Display goods | Enter 6(Select Display goods from main menu).  Press “Enter”. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | ravaa | 004 | 17.00 | 40 | |
| Edit goods | Enter 4(Select Edit goods from main menu).  Enter 004(item code).  Enter “y”.  Enter 4(To modify quantity).  Enter 50(new quantity).  Press “Enter”.(To get back to main menu).  Enter 6(To view the modified quantity) and press “Enter” (To get back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | ravaa | 004 | 17.00 | 50 | |
| Search goods | Enter 5(Select search goods from main menu.  Enter 3(Search by quantity).  Enter 1(lower range).  Enter 50(upper range).  Press “Enter”.  Enter 4(gets back to main menu). | |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_code | Item\_rate | Item\_quantity | | 1 | ravaa | 004 | 17.00 | 50 | |
| Calculate bill | Enter 1(Select calculate bill from main menu).  Enter 004 and 10.  Enter “end” to calculate total amount.  Press “Enter” (gets back to main menu). | TOTAL AMOUNT = INRs. 170.00   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S\_No. | Item\_name | Item\_quantity | Item\_rate | total | | 1 | ravaa | 10 | 17.00 | 170.00 | |
| Delete goods | Enter 3(Select delete goods from main menu).  Enter 004 (item code).  Press “Enter”.  Enter 6(To check if the item is deleted) and press “Enter” (To get back to main menu). | S\_No. Item\_name Item\_code Item\_rate Item\_quantity  No Item Found |
| Exit | Enter 7(Select exit from main menu).  Enter “y”. | (Program must terminate properly). |