PROBLEM STATEMENT

To practice function oriented design for a real time application.

PROJECT NAME:

"ONLINE TRAIN RESERVATION SYSTEM"

TEST CASES FOR MAIN FORM:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.NO | TEST  DESCRPTION | TEST  PROCEDURE | TEST  DATA | EXPECTED  RESULT | ACTUAL  RESULT | TEST  RESULT |
| 1 | To check the  system is  loading or not | Load the  online  reservation  system | Click  event on  the online  reservation  system | Page loaded  set focus on  menu list | Page loaded  it display the  menu list | Pass |
| 2 | To click the  control goes to  appropriate  module | Enter the  menu list  number | 1 | Set focus on  train detail  module | Control  focus on  train detail  module | Pass |
| 3 | To check the  control goes to  appropriate  module | Enter the  menu list  number | 2 | Set focus on  reservation  module | Control  focus on  concentration  module | Pass |
| 4 | To check the  control goes to  appropriate  module | Enter the  menu list  number | 3 | Set focus on  cancellation  module | Control  focus on  concentration  module | Pass |
| 5 | To check the  control goes to  appropriate  module | Enter the  menu list  number | 4 | Exit from  system  Display the  error | Exit from  system | Pass |
| 6 | To check the  control goes to  appropriate  module | Enter the  menu list  number | 6 | Display the  error  message | Control  focus in train | Pass |

TEST CASES FOR TRAIN DETAILS:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.NO | TEST  DESCRIPTION | TEST  PROCEDURE | TEST  DATA | EXPECTED  RESULT | ACTUAL  RESULT | TEST  RESULT |
| 1 | To delete the  reservation | Enter the  passenger  number | 1234 | Cancellation  the  of the  reservation | In deletes the reservation | Pass |
| 2 | To delete the  reservation | Enter the  passenger  number | 9888 | Cancellation  the  of the  reservation | Display the  error  message | Pass |
| 3 | To delete the  reservation | Enter the  passenger  number | ABCD | Display the  error  message | Display the  error  message | Pass |
| 4 | To delete the  reservation | Enter the  passenger  number | 12dr45 | Display the  error  message | Display the  error  message | Pass |

TEST CASES FOR RESERVATION

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.NO | TEST  DESCRIPTION | TEST  PROCEDURE | TEST  DATA | EXPECTED  RESULT | ACTUAL  RESULT | TEST  RESULT |
| 1 | To check the  age | Enter the age | 15 | Set focus on  next field | Set focus on  next field | Pass |
| 2 | To check the  age | Enter the age | 1500 | Display the  error  message | Set focus on  next field | Fail |
| 3 | To check the  input is correct | Enter the train  number | ABCD | Display the  error  message | Display the  error  message | Pass |
| 4 | To delete the  reservation | Enter the train  location | 1234 | Display the  error  message | Display the  error  message | Fail |

TEST CASES FOR CANCELLATION:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.NO | TEST  DESCRIPTION | TEST  PROCEDURE | TEST  DATA | EXPECTED  RESULT | ACTUAL  RESULT | TEST  RESULT |
| 1 | To check the  input is correct | Enter the train  number | 7894 | Display train  number train name  train from train to  number of seats | Display  the  details | Pass |
| 2 | To check the  input is correct | Enter the train  number | ABCD | Display the error  message | Display  the error  message | Pass |
| 3 | To check the  input is correct | Enter the train  number | Chennai | Display train  number train name  train from train to  number of seats | Display  the  details | Pass |
| 4 | To check the  input is correct | Enter the from  location | 1234 | Display the error  message | Display all  the  details | Fail |
| 5 | To check the  input is correct | Enter the from  location | cochin | Display train  number train name  train from train to  number of seats | Display all  the  details | Pass |

Result:

Thus the program was executed successfully.