Test Plan

## Feature: CollogeSystemTests

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test# | Description | Input | Expected output/Result | Actual Output | Status |
| T1 | Test if input empty String |  | you left it empty please write something | you left it empty please write something | Pass |
| T2 | Enter number of students of type string | A | Input Mismatch Exception while reading a number of students... Please try again! | Input Mismatch Exception while reading a number of students... Please try again! | Pass |
| T3 | Enter number of students of type negative | -1 | Number should be positive.. Please try again! | Number should be positive.. Please try again! | Pass |
| T4 | Enter number of students of type Integer Meet condition | 5 | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | Pass |
| T5 | Try print while array is empty | 3 | ##### No students to display #####  1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | ##### No students to display #####  1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | Pass |
| T5 | Input choice not from the list | 9 | Invalid entry... Selection options 1-4... Please try again!  1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | Invalid entry... Selection options 1-4... Please try again!  1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | Pass |
| T6 | Try to read file | 2 | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit | Pass |
| T7 | Try to read from keyboard | 1 | Enter details of student 4:  ===========================  1 - Fulltime student  2 - Parttime Student | Enter details of student 4:  ===========================  1 - Fulltime student  2 - Parttime Student | Pass |
| T8 | Input something outside of the list | 9 | Wrong student type  Enter details of student 4:  ===========================  1 - Fulltime student  2 - Parttime Student | Wrong student type  Enter details of student 4:  ===========================  1 - Fulltime student  2 - Parttime Student | Pass |
| T9 | Input something from the list | 1 | Enter program name: | Enter program name: | Pass |
| T10 | Enter program name | CET | Enter student number: | Enter student number: | Pass |
| T11 | Enter string on student number | B | Number entered is not integer please enter again | Number entered is not integer please enter again | Pass |
| T12 | Enter integer string on student number | 302 | Enter first name: | Enter first name: | Pass |
| T13 | Enter First name | Zahi | Enter last name: | Enter last name: | Pass |
| T14 | Enter Last name | Masarwa | Enter email Id: | Enter email Id: | Pass |
| T15 | Enter Email | Zahi@gmail.com | Enter phone number: | Enter phone number: | Pass |
| T16 | Enter Phone number | 6138889999 | Enter number of courses: | Enter number of courses: | Pass |
| T17 | Enter negative number in the course number | -1 | Number should be positive.. Please try again! | Number should be positive.. Please try again! | Pass |
| T18 | Enter integer number | 3 | Enter mark 1: | Enter mark 1: | Pass |
| T19 | Enter integer number | 98 | Enter mark 2: | Enter mark 2: | Pass |
| T20 | Enter integer number | 96 | Enter mark 3: | Enter mark 3: | Pass |
| T21 | Enter integer number | 97 | Enter tuition fees: | Enter tuition fees: | Pass |
| T22 | Enter integer number | 1000.25 | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit  Enter you option: | 1. Read Students info form keyboard  2. Read Students from file  3. Print details of all student  4. Exit  Enter you option: | Pass |
| T23 | Enter exit | 4 | Goodbye... Have a nice day | Goodbye... Have a nice day | Pass |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |