# **TEST PLAN:**

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| **S.no** | **Test Objective** |
| 1 | To check, the program is able to display all the folders and their contents by choosing the options. |
| 2 | To check, the program is able to exit from the current folder to previous folder by choosing exit option. |
| 3 | To check, the program is able to print all the marks of the individual student by entering the roll number and name of the respective student. |
| 4 | To check, the program is able to print RECORD NOT EXIST option if incorrect inputs are given, |
| 5 | To check, the program is able to create, delete, modify, search and delete the data while choosing that particular options. |

# **TEST CASES AND OUTPUT:**

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| **Test cases** | **Test case description** | **Expected Results** | **Pass/Fail** |
|  | To check, if the user was able to see the welcome page with title as STUDENT REPORT CARD SYSTEM | Welcome page with title displayed as STUDENT REPORT CARD SYSTEM | Pass |
|  | To check, if the user was able to go to the main menu page after pressing enter button | MAIN MENU:   1. Result Menu 2. Entry/Edit menu 3. Exit | Pass |
| Main Menu | To check, if the user was able to see the main menu folders | MAIN MENU:   1. Result Menu 2. Entry/Edit menu 3. Exit   Please select your option(1-3): | Pass |
|  | To check, if the user was able to choose the folders by entering the respective folder number from main menu i.e.,(1/2/3) | MAIN MENU:   1. Result Menu 2. Entry/Edit menu 3. Exit   Please select your option(1-3):1/2/3 | Pass |
|  | To check, if the user was able to see the respective folder (sub folder) after choosing that particular folder | Should be able to display all the subfolders after choosing the options i.e.,1/2/3 | Pass |
| Result menu | To check, if the user was able to see the result menu folders | Result menu:   1. Class Result 2. Student Report card 3. Back to main menu | Pass |
|  | To check, if the user was able to choose the folders by entering the respective folder number from result menu i.e.,(1/2/3) | Result menu:   1. Class Result 2. Student Report card 3. Back to main menu   Please select your option(1-3):1/2/3 | Pass |
|  | To check, if the user was able to see the contents of the respective folder (sub folder) after choosing the folder | Should be able to display all the subfolders after choosing the options i.e.,1/2/3 | Pass |
|  | To check, if the user was able to see the results of the total students by choosing the class result folder | Should be able to display all the student names, marks, total, percentage and status of the individual student | Pass |
|  | To check, if the user was able to see the report card of the respective student by giving input as roll number of the student by choosing the report card folder | Please Enter the Roll number:805  Name of student: Srinidhi  Marks in MPDSP: 79  Marks in ACN: 71  Marks in ESD: 82  Marks in DIVP: 74  Marks in Project: 88  Total marks of student are: 394  Percentage of student is: 78.80  Status of student is: P | Pass |
|  | To check, if the user was able to see RECORD NOT FOUND option if incorrect roll number was given | Please Enter the Roll number:850  RECORD NOT EXIST | Pass |
|  | To check, if the user was able to exit from the current result menu and going to previous menu | After pressing “ENTER” option is should move to the previous menu | Pass |
| Entry/Edit menu | To check, if the user was able to see the entry/edit folders | Entry/Edit menu:   1. Create Student Marks Record 2. Display Student Marks Record 3. Search Student Marks Record 4. Modify Student Marks Record 5. Delete Student Marks Record 6. Back to Main Menu | Pass |
|  | To check, if the user was able to choose the folders by entering the respective folder number from result menu i.e.,(1/2/3/4/5/6) | Entry/Edit menu:   1. Create Student Marks Record 2. Display Student Marks Record 3. Search Student Marks Record 4. Modify Student Marks Record 5. Delete Student Marks Record 6. Back to Main Menu   Please Select your Choice:(1-6) | Pass |
|  | To check, if the user was able to create the data base of the student marks by entering the roll number, name, marks. | Please enter the new details of the student  Enter the roll number of the student:805  Enter the Name of student: Srinidhi  Enter the Marks in MPDSP: 79  Enter the Marks in ACN: 71  Enter the Marks in ESD: 82  Enter the Marks in DIVP: 74  Enter the Marks in Project: 88  STUDENT DATA HAS BEEN RECORDED | Pass |
|  | To check, if the user was able to see or display of student marks( including total marks, percentage and status) by giving inputs as name and roll number of the student else if the incorrect roll number was given it should display RECORD NOT EXIST | Should be able to display all the records of the students by pressing ENTER option for each record  (Else)  Please Enter The roll number:850  RECORD NOT EXIST | Pass |
|  | To check, if the user was able to modify the data base of the student marks by giving inputs as name and roll number of the student else if the incorrect roll number was given it should display RECORD NOT EXIST | Should be able to modify the student record, initially it will display previous record ten it will ask to modify them  (Else)  Please Enter The roll number:850  RECORD NOT EXIST | Pass |
|  | To check, if the user was able to search the data of the particular student marks giving inputs as name and roll number of the student else if the incorrect number was given it should display RECORD NOT EXIST | Please Enter the Roll number:805  Name of student: Srinidhi  Marks in MPDSP: 79  Marks in ACN: 71  Marks in ESD: 82  Marks in DIVP: 74  Marks in Project: 88  Total marks of student are: 394  Percentage of student is: 78.80  Status of student is: P  (Else)  Please Enter The roll number:850  RECORD NOT EXIST | Pass |
|  | To check, if the user was able to delete the data of the particular student marks giving inputs as name and roll number of the student else if the incorrect number was given it should display RECORD NOT EXIST | Please enter the student roll number you want to delete:805  RECORD DELETED. .  (ELSE)  Please Enter The roll number:850  RECORD NOT EXIST | Pass |
|  | To check, if the user was able to exit from the current entry/exit menu | Should be able to exit from the entry/edit menu by entering 6 option | Pass |
| Exit | To check, if the user was able to exit from the student report card system | Should be able to exit from the entry/edit menu by entering 3 option | Pass |