Programming Fundamentals (Project details)

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| Project | School Management System |
| Registration No | 2020-CS-124 |
| Summary | The School Management System requires the user to add the new student data to student database management system application, allow to display the details about all the students, to display the details of the searched student, new student’s data can be added, or existing student data can be edited, the student name is given to delete a student’s detail in particular, to display the results of all the students based on their grade and to close the school management database system application. |
| Features | Press 1 to create the student record.  Press 2 to display all students record.  Press 3 to search the student.  Press 4 to modify the student.  Press 5 to delete the student.  Press 6 to display the class result.  Press 0 to exit. |
| Details of Interfaces |  |

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**MAIN MENU DETAILS**

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| *Option 1* | *Create a student* |
| **Purpose** | This option is to create a student. |
| **Input/Output** | When 1 option is press, how many students do you want to enter output would be: enter name, Roll No, Course, Class and Contact to display about the student. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 2* | *Display all student* |
| **Purpose** | This option to display all student. |
| **Input/Output** | When 2 option is press, enter to show all students output would be: enter name, Roll No, Course, Class and Contact to display about all the students which are included in class. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 3* | *Search the student* |
| **Purpose** | The option is to search a student. |
| **Input/Output** | When 3 option is press, to search a student output would be: enter name, Roll No, Course, Class and Contact which roll no you want to search. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 4* | *Modify the student* |
| **Purpose** | The option is used to edit the student. |
| **Input/Output** | When 4 option is press, to modify a student output would be: enter name, Roll No, Course, Class and Contact which roll no you want to edit and then replace the information of other student. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 5* | *Delete a student* |
| **Purpose** | The option is used for delete a student. |
| **Input/Output** | When 5 option is press, to delete a student output would be: enter name, Roll No, Course, Class and Contact which roll no you want to delete. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 6* | *Display the Class Result* |
| **Purpose** | The option is used for display the class result. |
| **Input/Output** | When 6 option is press, to display the class result of all students you want output would be: enter name, Roll No, Course, Class grade, marks and Contact which you want to display. |
| **Validation** | It is validate the Roll No and Contact No. |
| **Screenshot** |  |

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| *Option 7* | *Exit* |
| **Purpose** | The option is used to exit or to close the program. |
| **Input/Output** | When 7 option is press, to exit from the School Management system and system would be stop. |
| **Validation** | No |
| **Screenshot** |  |