## **REQUIREMENTS**

**HIGH LEVEL**

* Insert a student data into a file.
* Search a student data in the file.
* Update a student data in the file.
* Sort the available data in the file.
* Display the whole data in the file.
* Delete a particular student data in the file.

**LOW LEVEL**

* Insert data like name, roll number, mark of 3 subjects.
* After inserting add the subject of 3 numbers and calculate the average.
* Search the student data based on the roll number.
* Update the student name, all three marks and individual marks. The data required for the updating should be the roll number.
* Sorting the available data in the file based on the roll number.
* Display all the data in the file which includes name, roll number, marks in individual subjects, total and average.
* Delete a particular student data in the file with the requirement of the roll number.

Table 1 Requirements Table

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| **ID** | **DESCRIPTION** |
| H\_01 | Insert a student data into a file. |
| H\_02 | Search a student data in the file. |
| H\_03 | Update a student data in the file. |
| H\_04 | Sort the available data in the file. |
| H\_05 | Display the whole data in the file. |
| H\_06 | Delete a particular student data in the file. |
| H\_01\_L\_01 | Insert data like name, roll number, mark of 3 subjects. |
| H\_01\_L\_02 | Add the subject of 3 numbers and calculate the average and add that into the file. |
| H\_02\_L\_01 | Search the student data based on the roll number. |
| H\_03\_L\_01 | Update the student name, all three marks and individual marks. The data required for the updating should be the roll number. |
| H\_04\_L\_01 | Sorting the available data in the file based on the roll number. |
| H\_05\_L\_01 | Display all the data in the file which includes name, roll number, marks in individual subjects, total and average. |
| H\_06\_L\_01 | Delete a particular student data in the file with the requirement of the roll number. |