# Project 2 … (C++)  ----- TEST REPORT    by: Ehsan Kourkchi

## Test Report:

All following menu options are tested and all of the mare working properly.

```
****** M E N U ******

A) Add a contact

M) Modify a contact

D) Delete a contact

F) Find a contact

P) Print all contacts

R) Reverse the list

Q) Quit

*********************
```

- **Opening the program:** It reads all the available valid contacts in "`Database.txt`". If this file is not available, it considers that there is no contact available in the list and continues to work.

- **Add:** When entering an address, user has to enter two enters in order to go to the next field. In this part of this program, all additional spaces at the end of the entered fields would be removed automatically.

- **Modify:** It does not modify "the year of birth". After the user entered all the needed fields, program stars to search for the record based on the entered "name" as the key. So, if the name is not available in the list, user has to re-enter all fields again. This feature needs to be improved in future. Also, user must should have the ability of modifying the 'year of birth" as well.

- **Find:** It works very well and prints the multiple records with the same name key.

- **Print all:** Works very well.. At the end, it shows the number of all available contacts in the list.

- **Reverse:** Works very well. It shows a message for the user informing him/her that the reversing process is done perfectly.

- **Quit:** It quits the program and save the entire list in the "`Database.txct`" file. In future, the user should be asked about the file name and a warning if the file already exists.