

# User manual for Facebook Application

## Goal:

The goal in this application is to store the data of members of the community and be able to adjust or modify them easily.

## First the data will be red into memory.

Then the program will run with the menu below, User may enter any of these options:

```
Welcome to FaceBook Application !          Credit:Moein Shahi  NEPTUN:IQVWXM

-You can use this menu to proceed-

1.Enter a new member's data
2.Find a member in the community
3.Delete a member from the community
4.List all the members who are invited by the same person
5.List all the Community Members
6.Exit the program !
|
```

## 1\_Enter a new member's data

In case of first menu option user need to enter the number of users that is going to be added to Facebook

(Only integers are allowed and should be chosen from menu options)

```
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1
```

After that this page will be clear and a new page will pop up and the user is asked to enter for each specific data to be inserted.

User should enter:

- Name \*Format (only character alphabet is allowed, and integer or special cases are forbidden)
- Family name \*Format (only character alphabet is allowed, and integer or special cases are forbidden)
- Nickname \*Format (everything is allowed)
- Birthplace \*Format (only character alphabet is allowed, and integer or special cases are forbidden)
- Birthday (YYYY, MM, DD) \*Format(0<YYYY>2022), (0<MM<13), (0<DD<32)
- Inviter \*Format (only character alphabet is allowed, and integer or special cases are forbidden)

```
Please Enter a name :(25)
Moein1

Only letters are allowed !Moein

Please Enter a familyname :(25)
Shahi232123

Only letters are allowed !Shahi

Please Enter a nickname:(25)
Moeinr6

Please Enter a birthplace : (25)
Mashhad2

Only letters are allowed !Mashhad

Please Enter birthday YYYY 20013
Error date input2001

Please Enter birthday MM 123
Error date input12

Please Enter birthday DD 12

who inivted the member to facebook ?: (25)
John|
```

## 2\_Find a member in the community

User can find a member in the community by entering a;

-Family name

-Nickname

Then we need to enter a Family name or Nickname to search for the member

```
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2

Find member by given:
1.Familyname
2.nickname
1

Enter a familyname:
Shahi
```

**Valid input** (it is the same procedure as if the nickname was chosen)

```
Enter a familyname:
Shahi
(Name)  (familyname)  (nickname)  (birthplace)  (birthday YYYY MM DD)  (invitor)
Moein   Shahi        Moeinr6    Mashhad      2001/12/12   John
Amin    Shahi        Aminew     Mashhad      2000/12/12   ewq

      match (2) found!
Enter a key to proceed|
```

```
Enter a nickname:
Hunter
(Name)  (familyname)  (nickname)  (birthplace)  (birthday YYYY MM DD)  (invitor)
Kim     Li           Hunter     Budapest      2010/9/8       John

      match (1) found!
```

**Data in the file:**

Moein Shahi Moeinr6 Mashhad 2001 12 12 John

Amin Shahi Aminew Mashhad 2000 12 12 ewq

John jacki jackijohn Budapest 1999 12 10 BME

Kim Li Hunter Budapest 2010 9 8 John

Zoltan kiese Zoli Budapest 2001 1 2 John

Tom Hanks Tommy Budapest 1998 12 2 li

### Invalid input

```
Member did not found !  
press any key to proceed...|
```

### 3\_Delete a member from the community

This option will ask the user to enter a nickname and if the input is correct, it will overwrite the file and replace the data with the updated version.

User only needs to enter a nickname to be deleted from community

### Valid input

```
-You can use this menu to proceed-  
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6.Exit the program !  
3  
  
Enter a Nickname of a member to be deleted: Hunter  
  
Member with nickname (Hunter) has been removed successfully from file (Facebook.txt)Press any key to proceed !|
```

### Data in the file:

Moein Shahi Moeinr6 Mashhad 2001 12 12 John

Amin Shahi Aminew Mashhad 2000 12 12 ewq

John jacki jackijohn Budapest 1999 12 10 BME

Zoltan kiese Zoli Budapest 2001 1 2 John

### Invalid input

When the nicknames do not match the error below will pop

```
Enter a Nickname of a member to be deleted: eqwe  
Error input      press anykey...|
```

#### 4\_List all the member who are invited by same person

User may enter the invitor's name and the people who are invited by the same person will show up:

##### Valid input

```
Enter the invitor's name:
John
(Name) (familyname) (nickname) (birthplace) (birthday YYYY MM DD) (invitor)
Moein Shahi Moeinr6 Mashhad 2001/12/12 John
Zoltan kiee Zoli Budapest 2001/1/2 John
|
```

##### Invalid input

```
Enter the invitor's name:
qwewqeqwe
Could not found!          press any key...|
```

##### Data in the file:

Moein Shahi Moeinr6 Mashhad 2001 12 12 John

Amin Shahi Aminew Mashhad 2000 12 12 ewq

John jacki jackijohn Budapest 1999 12 10 BME

Zoltan kiee Zoli Budapest 2001 1 2 John

## 5\_List all the members in the community

-You can use this menu to proceed-

- 1.Enter a new member's data
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  - 5.List all the Community Members
  - 6.Exit the program !
- 5|

No input needed for this option; program will print all the community member's data such as:

-name

-birth(year)

-birthplace

```
(Name)  (year)  (birthplace)
Moein   2001   Mashhad
Amin    2000   Mashhad
John    1999   Budapest
Zoltan  2001   Budapest

      Press any key to continue - - - - -
|
```

## 6\_Exit the program

Exists the program

**Thank you**