```
-bash-4.2$ cd Covid-Vaccine-Management-System/
-bash-4.2$ ls
 -uash-4.23 is community_vaccine.txt priority.txt README.md vaccine.c -bash-4.25 vim vaccine.c -bash-4.25 gcc -o vaccine vaccine.c -bash-4.25 gcc -o vaccine vaccine.c -bash-4.25 ./vaccine community_vaccine.txt priority.txt
 Enter your username:bhatt5
Enter your password:***
Credentials are incorrect!
 Enter your username:nomair
Enter your password:*******
 Credentials are incorrect!
 This is your last attempt!
[Enter your username:bhattin82
[Enter your password:********
                                 Welcome to the Covid Vaccine Management System!
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
 Please enter your choice:1
   Name | Gender | Age | Phone Number | Id Number | Vaccine |
                                      18
21
23
32
56
54
                                                      6465547577
7564536543
8241895759
2645725821
                                                                                     8782734877
1234567354
                                                                                                                     None
J&J
  Nomair
Hunain
Shayan
Zelle
Javaidan
                                                                                      7826539817
7665273562
                                                                                                                Pfizer
Pfizer
                                                      9823745788
2874574312
3443524513
                                                                                     8762486242
2897234742
1354335151
                                                                                                                      J&J
None
  Haris
Rana
Junaid
                                                                                                                    None
                                         56
87
76
44
22
77
32
56
66
25
54
33
                                                      3443524513
8973498157
8917248612
1234322622
4566545666
7456543243
                                                                                     1354335151
8712658721
7267841162
5677658764
1234567891
3267587648
                                                                                                               Pfizer
   Ahmed
Hannah
Gary
Jenny
Jake
                                                                                                                    None
                                                                                                                Pfizer
                                                                                                                None
None
Pfizer
                                                      7456543243
8489596511
7659188678
1234567872
8766712347
1234321122
                                                                                      2134567891
1233427891
                                                                                     5245121234
7456745342
1112223333
                                                                                                                Pfizer
J&J
J&J
  Jeremy
Lilac
    Tim
Helen
                                                       5678768888
 Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
|Please enter your choice:2
|Please enter name:Eva
|Please enter gender:F
|Please enter age:27
Please enter phone:8657413214
Please enter id number:6871264383
Please enter vaccine:Pfizer
 community vaccine.txt file append operation successfull!
   Name | Gender | Age | Phone Number | Id Number | Vaccine |
                                                      6465547577
7564536543
8241895759
                                                                                                                    None
J&J
  James
Nomair
                                       18
21
23
32
56
54
56
87
76
44
22
77
32
56
66
25
54
33
27
                                                                                                               J&J
Pfizer
Pfizer
J&J
None
None
   Hunain
                                                     8241895759
2645725821
9823745788
2874574312
3443524513
8973498157
8917248612
1234322622
4566545666
7456543243
 Shayan
Zelle
Javaidan
Haris
Rana
Junaid
Ahmed
Hannah
Gary
Jenny
Jake
Jeremy
Lilac
Tim
Helen
                                                                                    7665273562
8762486242
2897234742
1354335151
8712658721
7267841162
5677658764
1234567891
3267587648
2134567891
                                                                                                               Pfizer
                                                                                                                None
None
Pfizer
                                                      7456543243
8489596511
7659188678
1234567872
8766712347
1234321122
5678768888
8657413214
                                                                                                                None
Pfizer
Pfizer
J&J
J&J
                                                                                      1233427891
5245121234
7456745342
1112223333
                                                                                      6871264383
                                                                                                                Pfizer
 Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
 Please enter your choice:3
Please enter the name to delete the record:Haris
   Name | Gender | Age | Phone Number | Id Number | Vaccine |
 James
Nomair
Hunain
Shayan
Zelle
Javaidan
Rana
Junaid
Ahmed
Hannah
                                                      6465547577
7564536543
8241895759
2645725821
9823745788
                                                                                     8782734877
1234567354
7826539817
7665273562
                                       18
21
23
32
56
54
87
76
44
22
77
32
56
66
25
54
33
27
                       ****
                                                                                                               None
J&J
Pfizer
Pfizer
J&J
None
Pfizer
None
None
                                                      9823745788
2874574312
8973498157
8917248612
1234322622
4566545666
                                                                                     8762486242
2897234742
8712658721
7267841162
5677658764
1234567891
                                                                                                                Pfizer
     Gary
Jenny
Jake
                                                      4566545666
7456543243
8489596511
7659188678
1234567872
8766712347
                                                                                     1234567891
3267587648
2134567891
1233427891
5245121234
7456745342
                                                                                                                None
None
Pfizer
Pfizer
J&J
J&J
J&J
  Jake m
Jeremy M
Lilac F
Tim M
Helen F
Eva F
Record Deleted!
                                                      1234321122
5678768888
8657413214
                                                                                      1112223333
9879879879
6871264383
 Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
```

```
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:4
Please enter name:Beck
RECORD NOT FOUND!
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:5
 How do you want to search?
1. By Name 2. By Gender 3. By Vaccine
[Please enter your choice:1
[Please enter name:Jeremy
  Name | Gender | Age | Phone Number | Id Number | Vaccine |
Jeremy M 66 1234567872 5245121234 Pfizer
 Jeremy
 Record found!
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
[Please enter your choice:5
How do you want to search?
1. By Name 2. By Gender 3. By Vaccine
[Please enter your choice:2
[Please enter gender:F
          Gender | Age |
F 56
F 22
F 32
F 25
F 33
F 27
                            Phone Number
9823745788
4566545666
                                            Name |
Zelle
                                                          J&J
Pfizer
None
J&J
 Hannah
                            8489596511
8766712347
5678768888
8657413214
  Jenny
Lilac
                                             2134567891
7456745342
  Helen
Eva
                                             9879879879
6871264383
                                                           J&J
Pfizer
 Record found!
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:5
How do you want to search?
1. By Name 2. By Gender 3. By Vaccine
Please enter your choice:3
Please enter vaccine:Pfizer
  Name | Gender | Age | Phone Number | Id Number | Vaccine |
                     23
                            8241895759
                                             7826539817 Pfizer
 Hunain
            Μ
                                             7665273562 Pfizer
 Shayan
                            2645725821
                     32
            М
                            8973498157
   Rana
             М
                     87
                                             8712658721 Pfizer
                     22
                            4566545666
                                             1234567891
                                                           Pfizer
 Hannah
            М
                     56
                            7659188678
                                             1233427891 Pfizer
   Jake
                                             5245121234 Pfizer
 Jeremy
             М
                     66
                            1234567872
    Eva
                     27
                            8657413214
                                             6871264383 Pfizer
Record found!
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:4
Please enter name:Jenny
What do you want to update?
1. Phone Number 2. Vaccination 3. Both
Please enter your choice:2
Please enter the new vaccine for that person:J&J
Previous Record
Jenny F 32 8489596511 2134567891 None
Updated Record
Jenny F 32 8489596511 2134567891 J&J
Record Updated!
```

```
Name | Gender | Age | Phone Number | Id Number | Vaccine |
                                                     6465547577
7564536543
8241895759
2645725821
9823745788
2874574312
                                       18
21
23
32
    James
                                                                                    8782734877
                                                                                                                    None
                                                                                   8782734877
1234567354
7826539817
7665273562
8762486242
2897234742
  Nomair
                                                                                                                     ٦&٦
   Hunain
                                                                                                               Pfizer
 Shayan
Zelle
Javaidan
                                                                                                               Pfizer
                                       56
54
                                                                                                                      J&J
None
                         M
                                                                                   2897234742
8712658721
7267841162
5677658764
1234567891
3267587648
2134567891
1233427891
5245121234
      Rana
                                       87
76
44
22
77
32
56
66
25
54
33
27
                                                     8973498157
                                                                                                               Pfizer
                        M
M
F
                                                    8973498157
8917248612
1234322622
4566545666
7456543243
8489596511
7659188678
1234567872
8766712347
1234321122
5678768888
                                                                                                                    None
None
   Junaid
    Ahmed
   Hannah
                                                                                                               Pfizer
                                                                                                                    None
J&J
      Gary
                        M F M M F M F
    Jenny
Jake
                                                                                                               Pfizer
   Jeremy
Lilac
                                                                                                               Pfizer
                                                                                     7456745342
1112223333
9879879879
                                                                                                                      1%1
1%1
        Tim
    Helen
                                                                                                                      J&J
                                                     8657413214
                                                                                     6871264383
                                                                                                              Pfizer
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:6
Total people:18
13 individuals are vaccinated!
5 individuals are not vaccinated yet!

        Gender
        | Age
        | Phone Number
        | Id Number

        M
        77
        7456543243
        3267587648

        M
        76
        8917248612
        7267841162

        M
        54
        2874574312
        2897234742

        M
        44
        1234322622
        5677658764

        M
        18
        6465547577
        8782734877

                                                                                                                 Vaccine |
  Gary Junaid
                                                                                                                    None
None
                                                                                                                     None
   avaidan
    Ahmed
                                                                                                                    None
None
    James
Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out
Please enter your choice:7
```

Logged Out! -bash-4.2\$