RESULT ANALYSIS DETAILS

Screenshots

```
WELCOME
1. CREATE ACCOUNT
2.LOGIN
3.DISPLAY ALL USERS
4.EXIT
Enter your choice: 1
Enter your user name : amy
Enter password : amy@123
Confirm your password : amy@123
Enter your personal information:
Place : mumbai
Profession : student
Email : amy@gmail.com
Account created successfully!!!
Your user_id is: 7
You can login to your account using your user_id and password
1.CREATE ACCOUNT
2.LOGIN
3. DISPLAY ALL USERS
4.EXIT
Enter your choice: 2
Enter your user_id: 7
Enter your password: amy@123
You are successfully logged into your account!!!
```

```
1.Display my connections
2.Display friend suggestions
3.View a profile
4. Send a connection request
5.Edlt my profile
6.View my messages
7.Log out
Enter your choice: 4
Enter the user_id of the person u would like to connect: 6
You and roger are now friends
1.Display my connections
2.Display friend suggestions
3. View a profile
4.Send a connection request
5.Edit my profile
6.View my messages
7.Log out
Enter your choice: 1
----- MY CONNECTIONS -----
        USER NAME
                                  USER ID
        roger
                                    06
```

```
Enter your choice: 3
Enter the user_id of the profile you would like to view: 1
Profession : student
Email : rob@gmail.com
1.Send a connection request
2. View mutual friends
3. View shortest link
4.Send a message
5.Return to previous menu
Enter your choice: 1
You and rob are now friends
Place : bangalore
Profession : student
              Email: rob@gmail.com
1.Send a connection request
2. View mutual friends
3. View shortest link
4.Send a message
5.Return to previous menu
```

```
Enter your message(use '_' instead of spaces): hello_rob
Message sent successfully!!!
Place : bangalore
Profession : student
Email : rob@gmail.com
1.Send a connection request
2. View mutual friends
3. View shortest link
4. Send a message
5.Return to previous menu
Enter your choice: 5
1.Display my connections
2.Display friend suggestions
3.View a profile
4.Send a connection request
5.Edit my profile
6.View my messages
7.Log out
Enter your choice: 6
1.SENT MESSAGES
2.RECEIVED MESSAGES
Enter your choice : 1
           ----- SENT MESSAGES
```

```
Enter your choice: 7

Logged out successfully!!

1.CREATE ACCOUNT

2.LOGIN

3.DISPLAY ALL USERS

4.EXIT

Enter your choice: 2
Enter your password: an@123
Wrong Password!!! Redirecting to main menu...

1.CREATE ACCOUNT

2.LOGIN

3.DISPLAY ALL USERS

4.EXIT

Enter your choice: 2
Enter your password: an@123
Wrong Password!! Redirecting to main menu...
```

```
Enter your choice: 1
Enter the new user_name: anaa
user_name updated successfully!!!
----- EDIT PROFILE -----
1.Edit user_name
2.Edit password
3. Edit email
4.Return to previous menu
Enter your choice: 4
1.Display my connections
2.Display friend suggestions
3. View a profile
4. Send a connection request
5.Edit my profile
6.View my messages
7.Log out
Enter your choice: 7
Logged out successfully!!
1. CREATE ACCOUNT
Z.LOGIN
3.DISPLAY ALL USERS
4.EXIT
Enter your choice: 4
```

Adjacency matrix and the user information stored in files:

```
18

20 1 0 1 1 0 0 0

31 0 0 1 0 1 0 0

40 0 0 1 0 1 0 0

51 1 1 0 0 0 0 0

61 0 0 0 0 1 0 0

70 0 1 0 1 0 0 0

80 0 0 0 0 0 1

90 1 0 0 0 0 1 0
```

```
1 bob 0 bob@123 delhi student bob@gmail.com
2 rob 1 rob@123 bangalore student rob@gmail.com
3 richard 2 richard@123 mumbai student richard@gmail.com
4 priya 3 priya@123 hyderabad student priya@gmail.com
5 anaa 4 ana@123 bangalore student ana@gmail.com
6 peter 5 peter@123 chennai student peter@gmail.com
7 roger 6 roger@123 delhi student roger@gmail.com
8 amy 7 amy@123 mumbai student amy@gmail.com
```