Welcome Page:

```
TestRun (2) [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Aug 20, 2020 9:25:24 PM)
******************************************
Application: SAFE STORE
USer Interactions: Console
Developer: Sandesh MS
******************************************

Please choose from the below options..

1. Register
2. Login
3. Exit
```

1. Registration:

User selects option 1 for one time registration for the application.

```
1
Enter your first Name.!

sandesh
Enter your Last Name.!

ms
Enter your Email ID.!

sandeshshanbog@gmail.com
[Password Policy]: Password much conatin atleast one:
                1. Capital letter
                2. Smapp letter
                3. Digit
                4. Special Character in(@#$%!)
                5. password length: 8 to 40 characters

Enter your password.!

San@1234
Enter your password Again.!

San@1234
false
data file "sandeshshanbog@gmail.com_storedPasswords.txt" has been created sucessfully..!
user details has been stored to the Database
Registration successful
1. Register
2. Login
3. Exit
```

Application Rejects the registration if user has already registered with the entered Email

```
Enter your first Name.!

sandesh
Enter your Last Name.!

ms
Enter your Email ID.!

sandeshshanbog@gmail.com
[Password Policy]: Password much conatin atleast one:
                1. Capital letter
                2. Smapp letter
                3. Digit
                4. Special Character in(@#$%!)
                5. password length: 8 to 40 characters

Enter your password.!

San@1234
Enter your password Again.!

San@1234
user has already registered with this email
please use another email to register
Registration not successful
1. Register
2. Login
3. Exit
```

2.Login:

User will login by selecting option 2:

If user is not registered or his password is incorrect, Login request will be rejected.

Invaild email:

```
1. Register
2. Login
3. Exit
2
please login
Enter your email ID:

Arp@gmail.com
Enter your Password:

San@1234
invalid credencials..
1. Register
2. Login
3. Exit
```

Invalid password

```
1. Register
2. Login
3. Exit
2
please login
Enter your email ID:

sandeshshanbog@gmail.com
Enter your Password:

Arp@1234
invalid credencials..
1. Register
2. Login
3. Exit
```

If a user has already registered using email ID and the entered password matches with his saved password , a welcome message with last login time and the next set of options will appear.

Also last login time converted to users time zone will be displayed

```
1. Register
2. Login
3. Exit
2
please login
Enter your email ID:

sandeshshanbog@gmail.com
Enter your Password:

San@1234
Login Success for user "sandeshshanbog@gmail.com"
last login: 16-Aug-2020 22:44:27
******************************************************
[Note] Application cannot store data that contains "," due to design limitations..
       System will reject data that contains "," in it...
******************************************************
Please select from the below options..

1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

1. Store password by selecting option 1:

```
1
Enter the website for which you want to store data
facebook
enter username for facebook
sandesh
enter password for sandesh
12345
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

If any of the entered credentials(website, username or password) contains ","(Comma), the store request will be rejected with a relevant error message.

This feature was introduced as the application uses "," as a delimiter to separate each value in the backend.

```
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
1
Enter the website for which you want to store data
facebook,
[Error] Application cannot store data that contains "," due to design limitations..
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

If user has already saved his credentials for the **website with same userName**, store request will be rejected with relevant error message

```
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application

Please enter the correct choice..

facebook
Please enter the correct choice..
facebook
1
Enter the website for which you want to store data
facebook
enter username for facebook
sandesh
enter password for sandesh
12345
[duplicate]: There already exist a entry for website "facebook" with username "sandesh"
             Store request rejected..
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

2. Search Password:

Users can search his credentials with the website as a search string . If he enters a website for which no credencial were stored already , Error message will appear and along with suggestions(If any):

Suggestions are based on the first letter of the searchString.

```
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
2
Enter the Website for which you want to retrive Credencials
fb
No passowrd found for the searchString fb
You may be looking for..
-       facebook

1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

3. Display all passwords:

Users can select option 3 to display all his saved credentials.

```
--------
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
3
facebook:
        -username: sandesh
        -password: 12345
twitter:
        -username: sandesh
        -password: sandesh
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
```

4 .Log off and return to main Menu:

Users can log off and return to the main menu by selecting option 4. By doing this, **Current system time will be stored as his last login time** in the background.

```
        ----------- --------
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
4
logged off..
1. Register
2. Login
3. Exit
```

5. Delete my Account:

User can delta his all saved passwords along with his login access when he selected option 5

Realvent error messages will appear when he does so…

```
1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
5
Your Details have been removed from the Databace
Data File "sandeshshanbog@gmail.com_storedPasswords.txt" has been deleted from file system
1. Register
2. Login
3. Exit

<
```

6. Logout and exit application.

When the user selects option 6, the user will be logged off and the **current system time will be updated as his last login time** and   Application terminates.

```
Please select from the below options..

1. store Credencials
2. Search stored Credencials
3. Display all Credencials
4. Logoff and return to main menu
5. Delet My account
6. Logoff Exit Application
6
logged off..
Bye..
```