Programming Assignment P1

PROG5121

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OVERVIEW

This Java Application is PART 1 of the Assignment, it prompts the user to create a account, then they are asked to log in

CLASSES

MAIN

firstName	First name for the User
lastName	The Surname of the User
username	This is the Username that the User creates Criteria's - Must be 5 characters long - Contain an Underscore '_'
password	Password Criteria's - 8 characters long - Contain a capital letter - Contain a number - Have a special character
cellphone	Phone Number Criteria - Contain +27 - Then a XX XXX XXXX - 9 digits after

NOTES

For username

- It needs to meet the criteria's
    - User will be promoted to enter username, if it isn't then the loop will continue until the username is acceptable

For the password

- The password needs to meet the criteria's
    - If it is not met then the loop will continue and prompt the user to format it correctly

LOGIN

username	Calls from the main class for the username that the user registered with
password	The password to the specific username
cellphone	The phone number

EXAMPLE RUN

IDEAL

```
Enter First Name: Khushal
Enter Last Name: Singh
Enter Username (must contain underscore and be exactly 5 characters): At_ic
Username successfully captured.
Enter Password: Passw0rd1234!
Enter Cellphone Number (e.g., +27831112233): +27835395386
User successfully registered.
Login - Enter Username: At_ic
Login - Enter Password: Passw0rd1234!
Welcome Khushal Singh, it is great to see you again.
------------------------------------------------------------------------
BUILD SUCCESS
------------------------------------------------------------------------
```

FIGURE 1 PERFECT RUN

INCORRECT USERNAME FORMAT

```
Enter First Name: Khushal
Enter Last Name: Singh
Enter Username (must contain underscore and be exactly 5 characters): Atomic524
Username is not correctly formatted, please ensure that your username contains an underscore and is exactly five characters in length.
Enter Username (must contain underscore and be exactly 5 characters): At_ic
Username successfully captured.
```

FIGURE 2 IF THE USERNAME IS NOT TO THE RIGHT CRITERIA

PASSWORD INCORECT

```
Enter First Name: Khushal
Enter Last Name: Singh
Enter Username (must contain underscore and be exactly 5 characters): At_ic
Username successfully captured.
Enter Password: Passw0rd1234!
Enter Cellphone Number (e.g., +27831112233): +27835395386
User successfully registered.
Login - Enter Username: At_ic
Login - Enter Password: WrongPass
Password incorrect, please try again.
Login - Enter Password: Passw0rd1234!
Welcome Khushal Singh, it is great to see you again.
```

FIGURE 3 PASSWORD FOR LOGIN IS INCORRECT