

Nama Project : HireMeNow (20)

Anggota :

1. Andi Afgan Anshar (J0403241158)
2. Muhammad Dzaky (J0403241010)
3. Radja Admiral (J0403241151)

1. Fungsionalitas Program Aplikasi HireMeNow

- CRUD Admin, User, dan Perusahaan (Include Auth)
- CRUD Data Loker/Pekerjaan yang available
- Search Data Loker/Pekerjaan yang sesuai dan/atau mendekati dengan kata kunci

2. Progress Pengerjaan Project HireMeNow

Untuk persentase sendiri sekiranya masih 30% karena untuk program code nya masih stuck di CRUD Data Pekerjaan, sejauh ini yang 100% jadi diantara fungsionalitas di atas adalah Auth (Register & Login)

Berikut Code Program Input dan Output

```
Project Team (Python)/HireMeNow/python/main.py
=====
=====Welcome to HireMeNow=====
=====
1. Login
2. Register
3. Exit
=====
Choose an option (1/2/3): 1
Email: radja@gmail.com
Password: 123
=====
Welcome, Radja Admiral! You have admin privileges.
<function admin at 0x000001AED9C2D4E0>
PS C:\Users\rdjad\Documents\2024\IPB University\Project Team (Python)\HireMeNow>
```

```
Project Team (Python)\HireMeNow\python\main.py
=====
=====Welcome to HireMeNow=====
=====
1. Login
2. Register
3. Exit
=====
Choose an option (1/2/3): 2
===== Register a New Account =====
First Name: Admiral
Last Name: Radja
Email: admiral@gmail.com
Password: 123
Telp: 123
Enter role (admin/user/company): user

Registration successful! You can now log in.
You have successfully registered. Returning to main menu.

PS C:\Users\rdjad\Documents\2024\IPB University\Project Team (Python)\HireMeNow>
```

Untuk register sendiri, seharusnya pada bagian enter role tidak usah menambahkan admin karena yang register hanyalah user atau perusahaan, jadi belum terupdate

Auth.py

```
1 from admin import admin
2 from user import user
3 from company import company
4
5 def login():
6     email = input('Email: ')
7     password = input('password: ')
8     print('=====')
9
10    login_message, role = verify_login(email, password)
11
12    if "invalid" not in login_message:
13        print(login_message)
14        return role
15    else:
16        print("Login failed! Returning to main menu.\n")
17    return None
18
19 def verify_login(email, password):
20     with open('database/users.txt', 'r') as file:
21         for line in file:
22             data = line.strip().split(',')
23
24             if len(data) >= 6 and data[2].strip() == email and data[3].strip() == password:
25                 role = data[5].strip()
26                 if role == 'admin':
27                     return "Welcome, [data[1]]: You have admin privileges.", 'admin'
28                 elif role == 'user':
29                     return "Welcome, [data[1]]: You have user access.", 'user'
30                 elif role == 'company':
31                     return "Welcome, [data[1]]: You are logged in as a company.", 'company'
32
33     return "Invalid email or password!", None
34
35
36 def register():
37     print('===== Register a New Account =====')
38     first_name = input("First Name: ")
39     last_name = input("Last Name: ")
40     email = input("Email: ")
41     password = input("password: ")
42     telp = input("telp: ")
43
44     with open('database/users.txt', 'r') as file:
45         for line in file:
46             data = line.strip().split(',')
47             if email == data[2].strip():
48                 print("Email already exists! Please try registering with a different email.")
49                 return False
50
51     while True:
52         role = input("Enter role (admin/user/company): ").strip().lower()
53         if role in ['admin', 'user', 'company']:
54             break
55         print("Invalid role! Please enter either 'admin', 'user', or 'company'.")
56
57     with open('database/users.txt', 'a') as file:
58         file.write(f"{len(open('database/users.txt').readlines())+1}, {first_name} {last_name}, {email}, {password}, {telp}, {role}\n")
59
60     print("\nRegistration successful! You can now log in.")
61     return True
62
63 def verify_register():
64     registration_status = register()
65     if not registration_status:
66         print("Registration failed! Returning to main menu.\n")
67     else:
68         print("You have successfully registered. Returning to main menu.\n")
```

Main.py

```
1  # main.py
2  from auth import login, verify_register
3
4  def main():
5      print("=====")
6      print("=====Welcome to HireMeNow=====")
7      print("=====")
8      print("1. Login")
9      print("2. Register")
10     print("3. Exit")
11     print("=====")
12
13     choice = input("Choose an option (1/2/3): ").strip()
14
15     if choice == '1':
16         role = login()
17         if role == 'admin':
18             from admin import admin
19             admin()
20         elif role == 'user':
21             from user import user
22             user()
23         elif role == 'company':
24             from company import company
25             company()
26     elif choice == '2':
27         verify_register()
28     elif choice == '3':
29         print("Exiting the system. Goodbye!")
30         exit
31     else:
32         print("Invalid choice! Please enter 1, 2, or 3.")
33         print("=====")
34
35     main()
```

Berikut local database dengan format .txt

Users.txt

Untuk kolom sendiri sebagai berikut:

No, Nama Lengkap, Email, Password, No Telepon, Role



```
1 1, Radja Admiral, radja@gmail.com, 123, 123, admin
2 2, Dika Aprilio Wibowo, dika@gmail.com, 123, 123, user
3 3, Muhammad Karel Putra Shelvion, karel@gmail.com, 123, 123, company
4 4, Admiral Radja, admiral@gmail.com, 123, 123, user
5
```

3. Pembagian Tugas

Andi Afgan

- Membuat code Auth dan CRUD Member di Admin

Muhammad Dzaky

- Membuat code fitur Search list

Radja Admiral

- Membuat code CRUD Info Pekerjaan