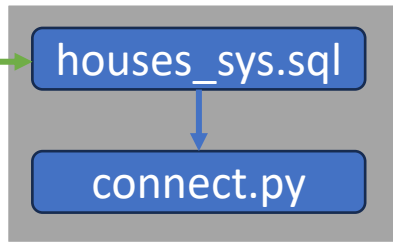
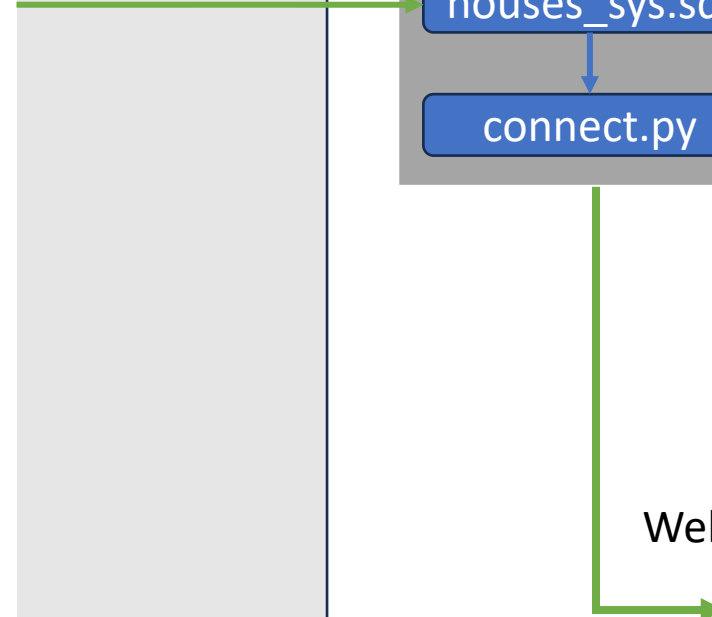


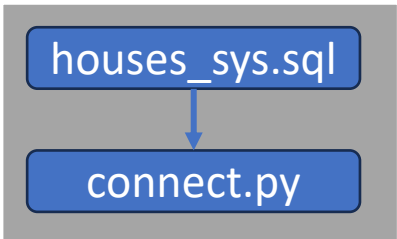
Database connection



Web application



Database connection



Web application

Main.py

Routes

- /
- /login/
- /logout
- /register
- /home
- /staffhome
- /add_house
- /edit_house
- /delete_house
- /profile
- /updateprofile
- /updateprofile-password
- /viewcustomer

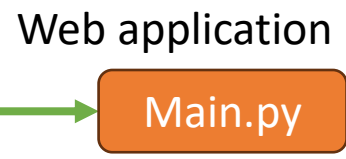
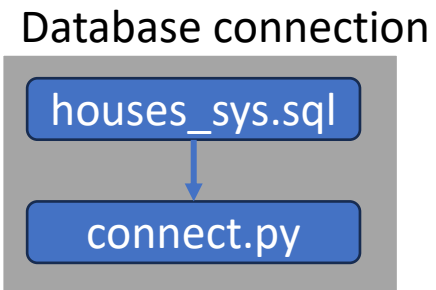
Function

- main()
- login()
- logout()
- register()
- home()
- Staffhome()
- add_house()
- edit_house()
- delete_house()
- Profile()
- Updateprofile()
- updateprofile-password()
- Viewcustomer()

- Redirect users to role-specific home pages or to login if not logged in.
- Authenticates users and directs them to role-based home pages
- Cleans session data to log out the user and redirects to the login page.
- Customer registrations
- Displays the home page (view house information)
- Displays the staff home page (view, edit and delete house information)
- Displays the personal profile, update profile and update password
- If logged in as the staff (do not include admin), it shows the customer information

HTML Template

- Home.html
Staffhome.html
Login.html
- Login.html
- register.html
- home.html
- staffhome.html
Staffhome-add.html
staffhome-edit.html
- profile.html
updateprofile.html
Updateprofile-password.html
- viewcustomer.html



Routes	Function
/editcustomer	editcustomer()
/edit_customer_page/<int:customer_id>	edit_customer_page(customer_id)
/edit_customer_add	edit_customer_add()
/delete_customer/<int:customer_id>	delete_customer(customer_id):
/editstaff	editstaff()
/edit_staff_page/<int:staff_id>	edit_staff_page(staff_id)
/edit_staff_add	edit_staff_add()
/delete_staff/<int:staff_id>	delete_staff(staff_id)

If logged in as the staff-admin, the manage customer page shows the customer information and button for edit and delete

Add, edit and delete customer function when log in as admin (admin will not create password for customer, they need to logged in by default password **123456** and update their own password)

Add, edit and delete staff function when log in as admin(admin will not create password for customer, they need to logged in by default password **56789** and update their own password)

