UML DIAGRAM

Security

current_user
AUDIT_LOG_FILE
ERROR_LOG_FILE

authenticate()
Logout()
Log_event(username, action)
Log_error(message)
has_access(required_role)
view_audit_log()
view_error_log()

Demo

admin_menu()
Staff_menu()
member_menu()
main()

LibraryOperations

- books
- members

add_book()
Update_book()
delete_book()
add_member()
Update_member()
delete_member()
borrow_book()
return_book()
System_Summary()
pretty_print_book()
Pretty_Print_members()

uses

Calls