

# **LAPORAN TUGAS AHIR**

Mata Kuliah Pemrograman Berorientasi Objek



Disusun Oleh:

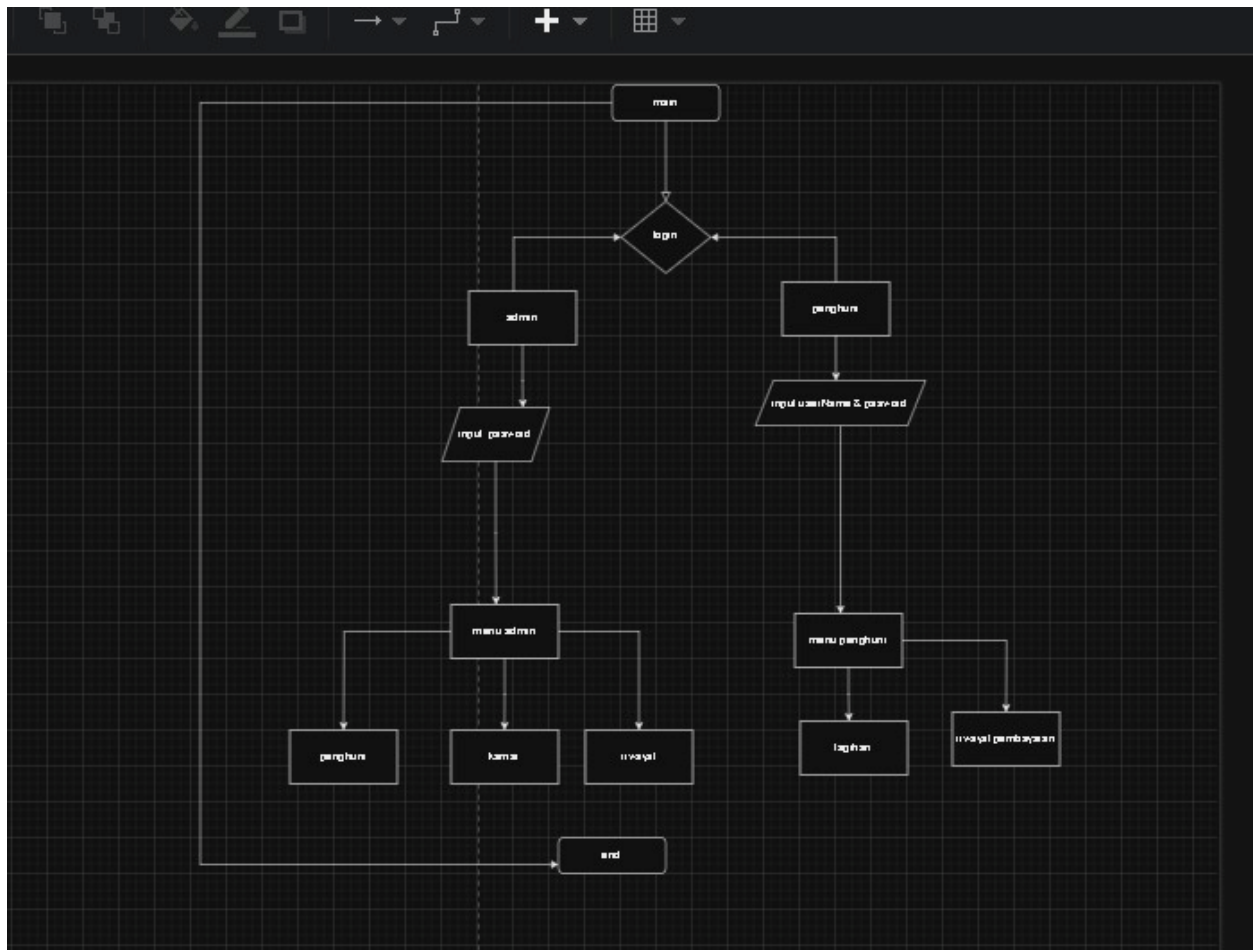
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**PROGRAM STUDI TEKNIK INFORMATIKA  
FAKULTAS TEKNIK DAN ILMU KOMPUTER  
UNIVERSITAS NUSANTARA PGRI KEDIRI  
TAHUN 2023**

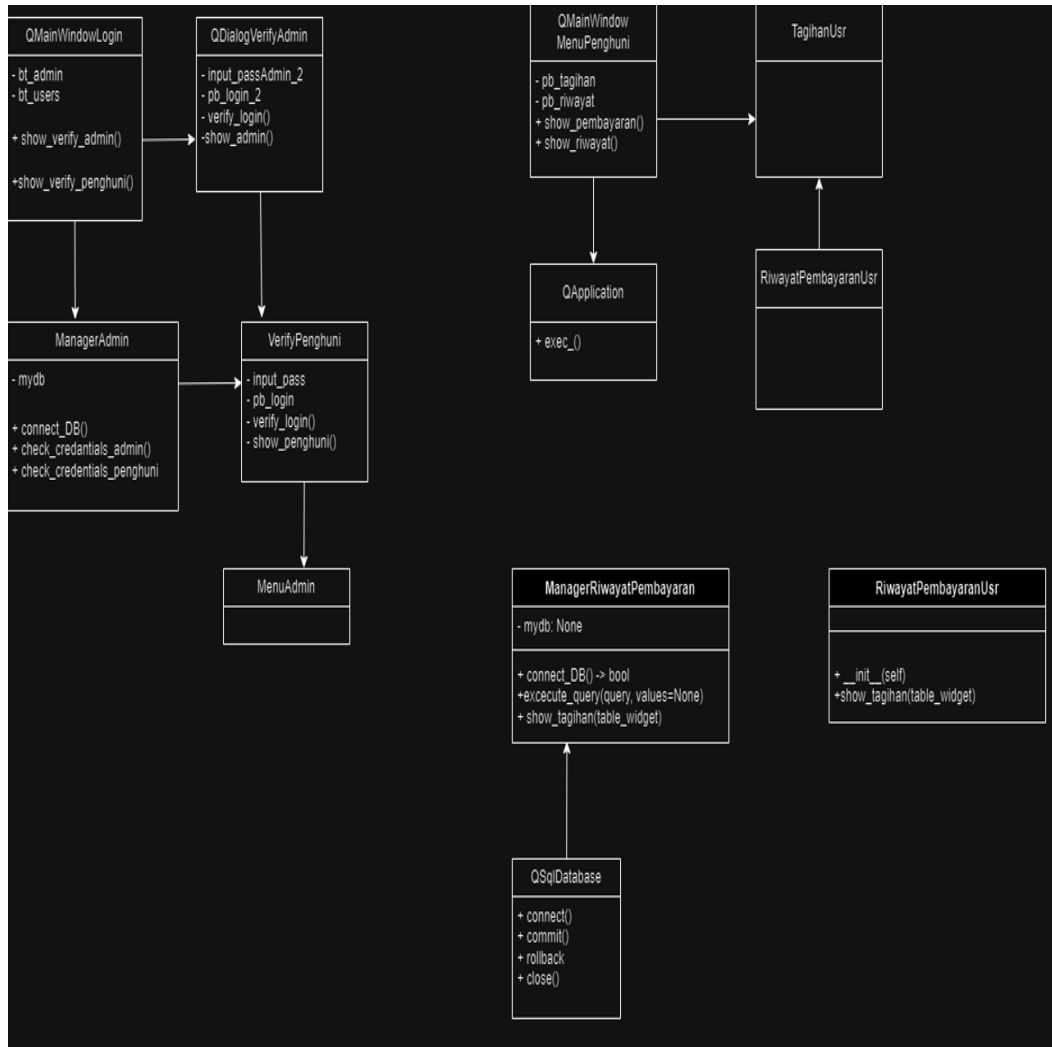
# Daftar isi

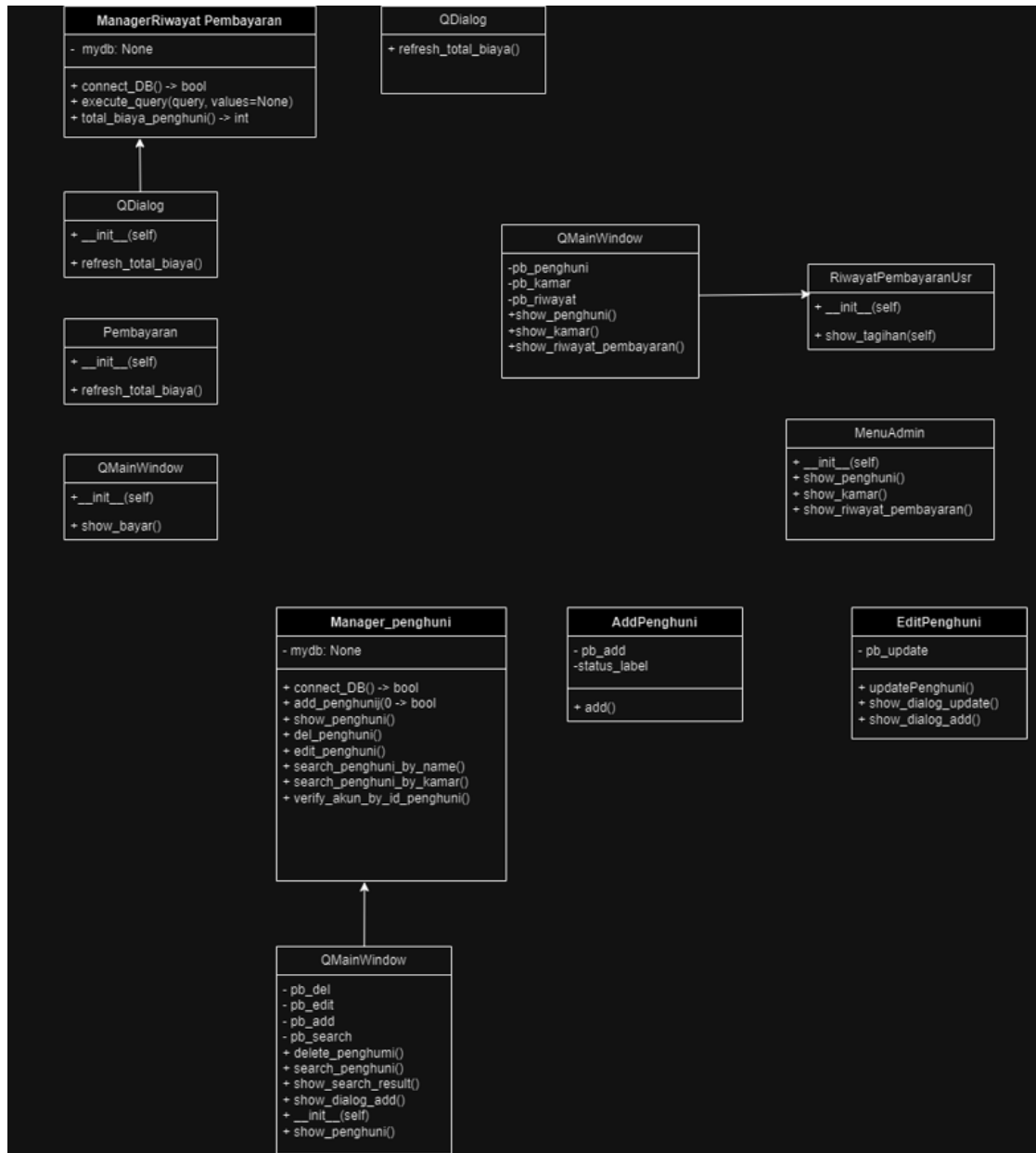
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# Flowchart sistem



# Class diagram





ManagerRiwayatPembayaran
- mydb: None
+ connect_DB() -> bool + execute_query(query, values) + show_tagihan(table_widget)

RiwayatPembayaranUsr
- tbl_rwayat
+ __init__(self) + show_tagihan(table_widget)

ManagerKamar
- mydb: None
+ connect_DB() -> bool + execute_query(query, values) + add_kamar(id_kamar, np_kamar, biasa_kos) + show_kamar(table_widget) + del_kamar(table_widget) + edit_kamar(id_kamar, no_kamar, biaya_kos) + serach_kamar_by_no(np_kamar)

EditKamar
- tbl_kamar: QTableWidget
- pb_del: QpushButton - pb_search: QpushButoon - pb_update: QPushButton - show_kamar(table_widget) - serach_kamar(): void - show_serach_result(data) - show_dialog_update(): void - show_dialog_add(): void - __init__(self): void

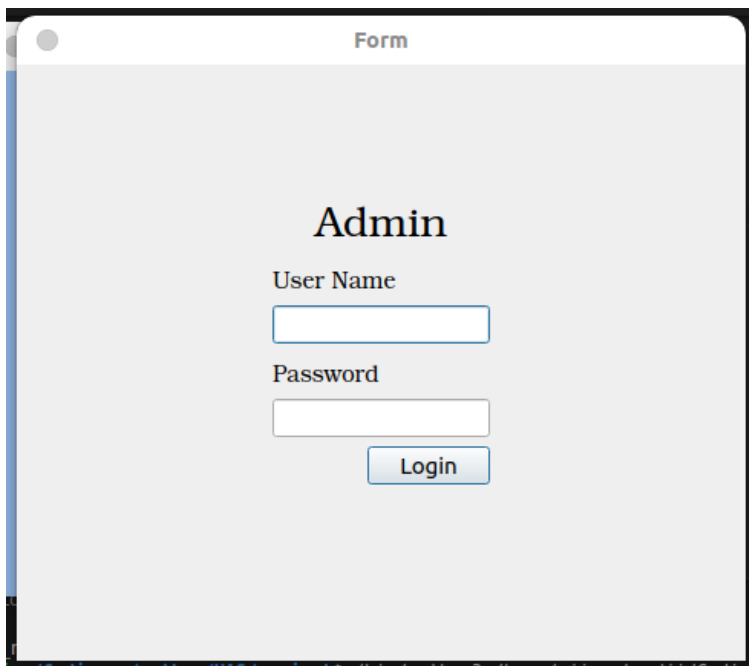
AddKamar
- input_id: QlineEdit - input_nokmr: QlineEdit - input_biaya: QlineEdit - pb_add: QPushButton - status_label: Qlabel + add(): void
+ __init__(self) + add_seccess: bool

UpdateKamar
- pb_update: QpushButton - pb_add: Qpushbutton - status_label: Qlabel - update(): void
+ __init__(self) + update_kamar(id_kamar, no_kamar, biaya_kos): void + update_success: bool + __init__(self) + add_success: bool + __init__(self)

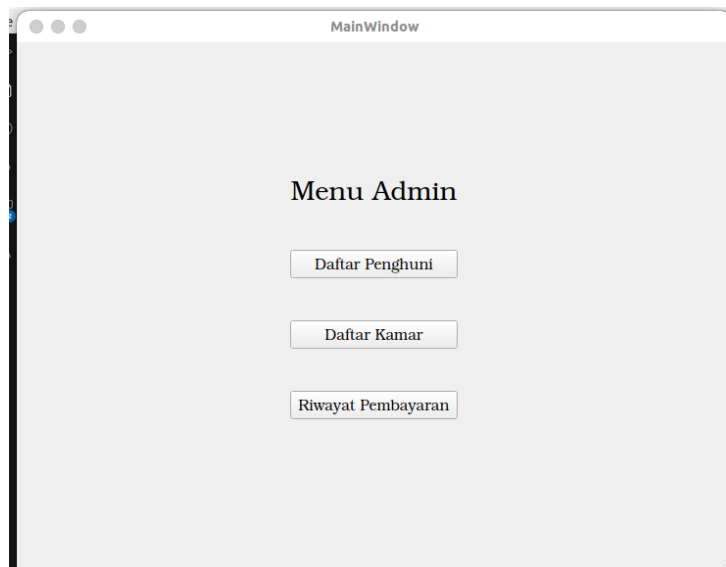
## Hasil dan pembahasan



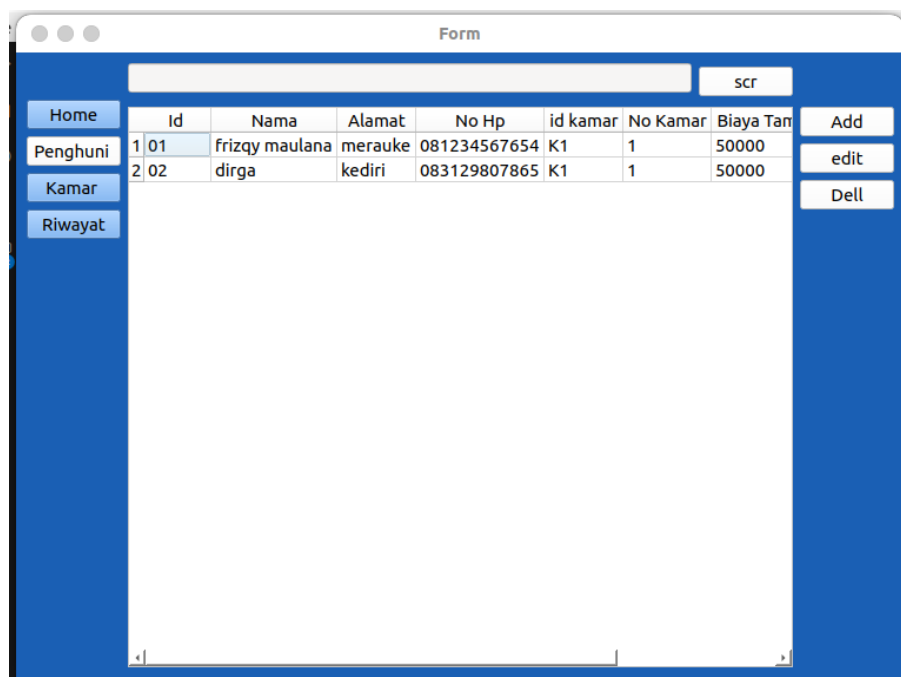
Tampilan awal user diharuskan memilih salah satu pilihan sebagai admin atau users



Jika user memilih admin tampilan akan mengarah ke login admin



Jika login benar akan muncul tampilan menu seperti diatas



Jika pada menu sebelumnya user memilih “Daftar Penghuni” maka akan muncul window seperti diatas



Form

Home | Search

Penghuni

Kamar

Riwayat

	Id	No Kamar	Harga
1	K1	3	350000
2	K2	2	350000

Add

edit

Dell

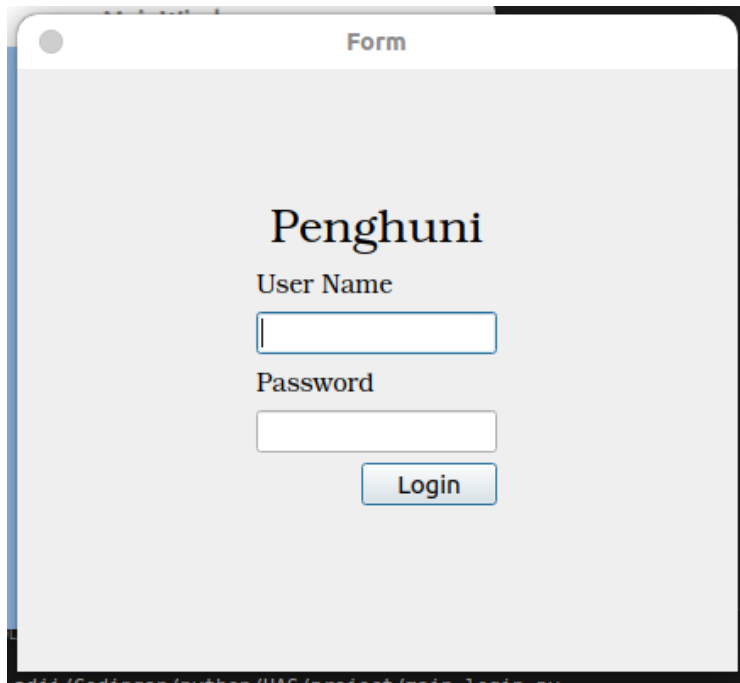
Dan jika user memilih pilihan “Daftar Kamar” maka tampilan yang muncul akan seperti diatas

Form

## Riwayat Pembayaran

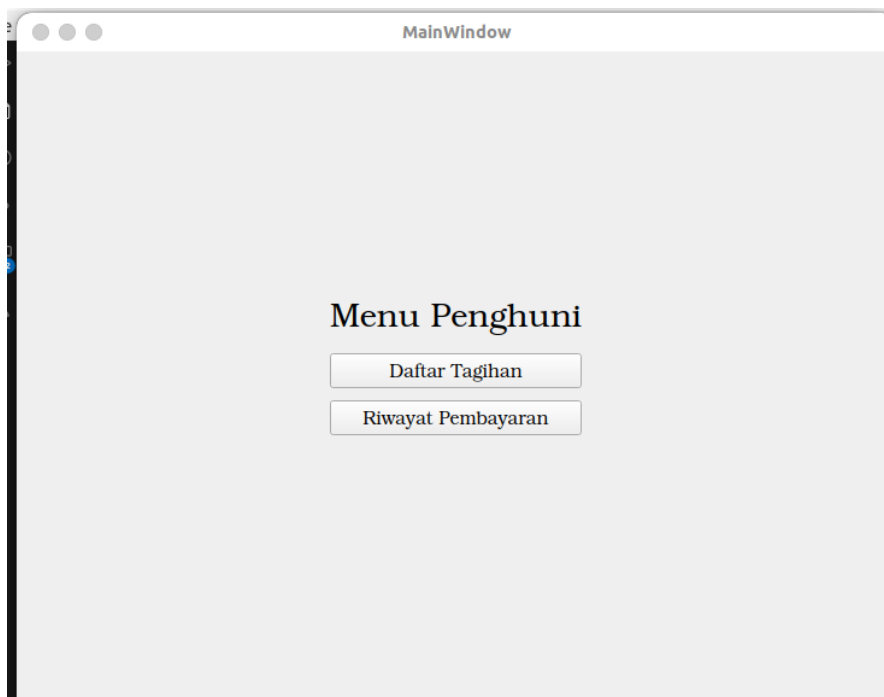
scr

Nama	No Kamar	Bulan	Tagihan	Denda	Kekurangan
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The screenshot shows a window titled "Form" with a light gray background. In the center, the word "Penghuni" is displayed in a large, bold, black serif font. Below it, the text "User Name" is followed by a white rectangular input field with a thin blue border. Underneath that, the text "Password" is followed by another white rectangular input field with a thin blue border. At the bottom center, there is a blue button with the word "Login" in white text.

Sebelumnya pada tampilan awal, user memilih pilihan users maka akan muncul tampilan login penghuni



The screenshot shows a window titled "MainWindow" with a light gray background. In the center, the text "Menu Penghuni" is displayed in a bold, black serif font. Below this text, there are two stacked rectangular buttons with thin gray borders. The top button contains the text "Daftar Tagihan" and the bottom button contains the text "Riwayat Pembayaran".

Jika login benar akan muncul tampilan menu seperti diatas



## Daftar Pustaka

-. (2023). *Python Tutorial*. From W3SCHOOL: <https://www.w3schools.com/python/default.asp>

Open AI. (2024, 1 3). *Chat GPT*. From Open AI: <https://openai.com/chatgpt>