Project Title: Gas Booking System

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Project Overview:

The Gas Booking System is a Java-based application developed using JDK 17 and NetBeans 22. This system facilitates the booking of gas services through a user-friendly interface, catering to both customers and administrators. The application is divided into two main modules: the Customer Module and the Admin Module.

Customer Module

Functions:

- **Login:** Allows users to securely log into their accounts using their credentials.

- **Signup:** Enables new users to create an account by providing necessary details, ensuring a smooth onboarding process.

- **Booking:** Facilitates the booking of gas services, allowing customers to select their preferred service and schedule.

- **View Booking History:** Provides customers with access to their past bookings, enhancing transparency and user experience.

Purpose: The Customer Module is designed to streamline the booking process for users, making it easy to manage their gas service needs while ensuring secure access to their accounts.

Admin Module

Functions:

- **View Bookings:** Allows administrators to view all customer bookings, providing insights into service demand and scheduling.

- **View Customers:** Enables admins to access customer information, facilitating better service management and communication.

- **Modify Customer Info:** Grants administrators the ability to update customer details, ensuring that records are accurate and up-to-date.
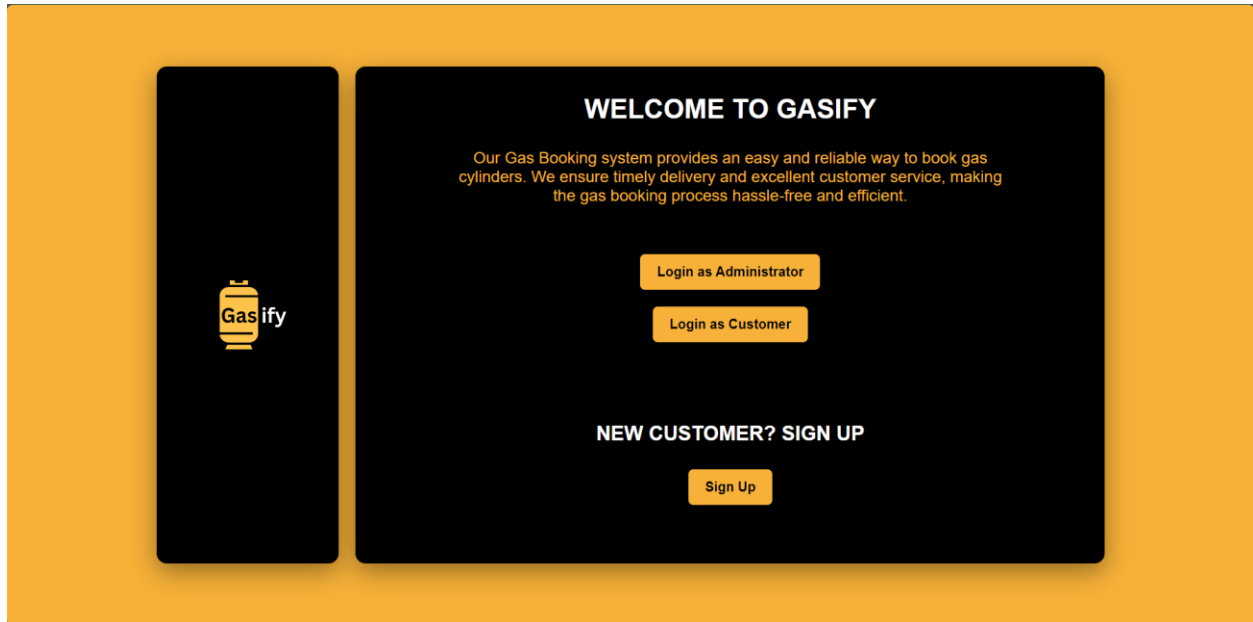
Purpose: The Admin Module empowers administrators to efficiently manage bookings and customer information, ensuring smooth operations and high-quality service delivery.

Conclusion

The Gas Booking System is a comprehensive solution that enhances the booking experience for customers while providing administrators with the tools needed to manage operations effectively. This modular approach ensures that both user needs and administrative functions are addressed seamlessly.
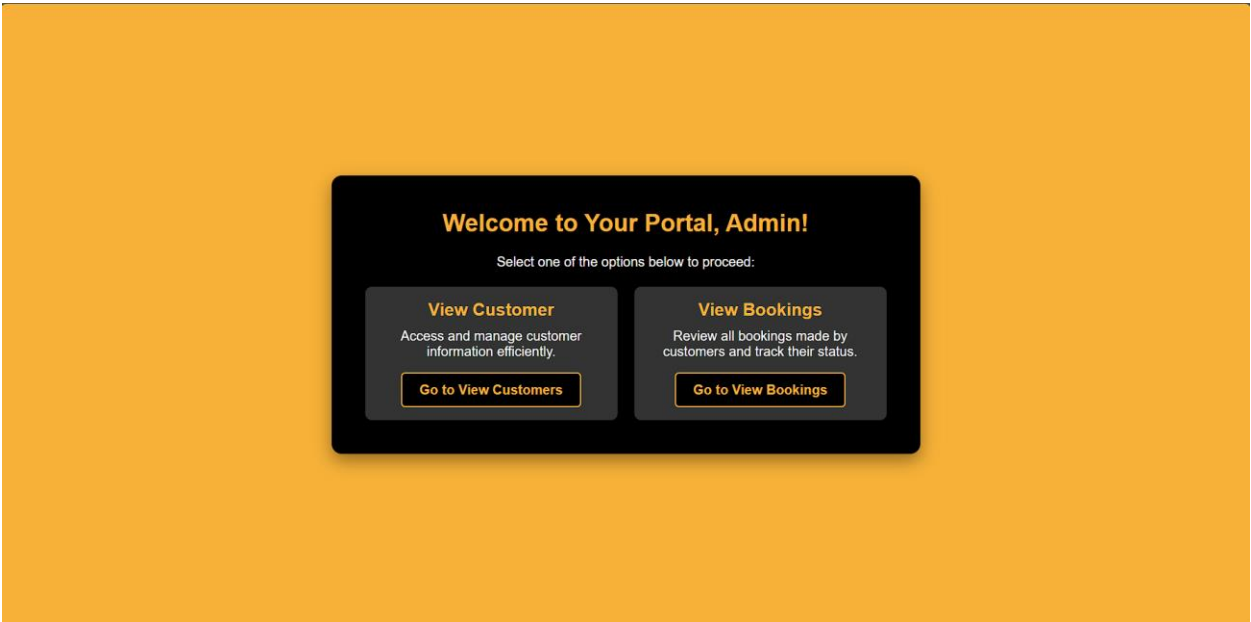
Output:

Homepage:

Admin login page:
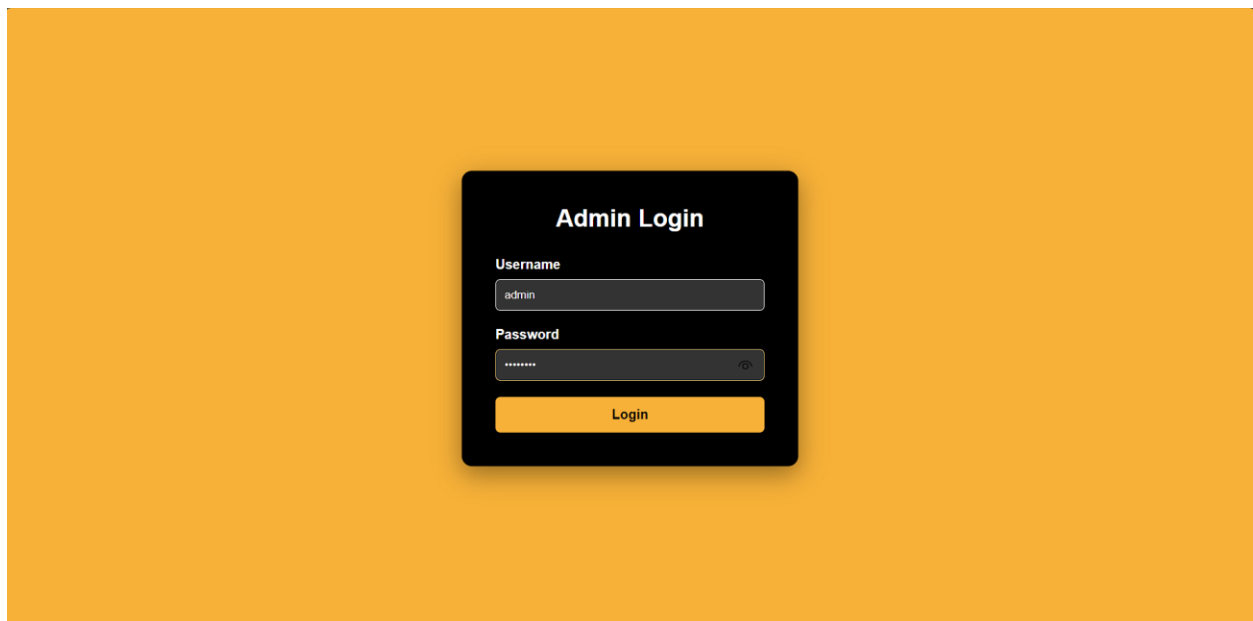
Admin Portal page:

View Customer page:

View bookings page:

Customer Bookings Information

Booking ID	Customer ID	Booking Date	Delivery Slot	Delivery Date	Status	Delete Booking
00012	2	null	evening	null	Pending	Delete
00005	2	null	afternoon	null	Pending	Delete
00006	2	null	afternoon	null	Pending	Delete
00007	2	null	afternoon	null	Pending	Delete
00008	2	null	afternoon	null	Pending	Delete
00009	2	null	afternoon	null	Pending	Delete
00010	2	null	afternoon	null	Pending	Delete
00001	2	null	morning	null	Pending	Delete

Customer Login page:

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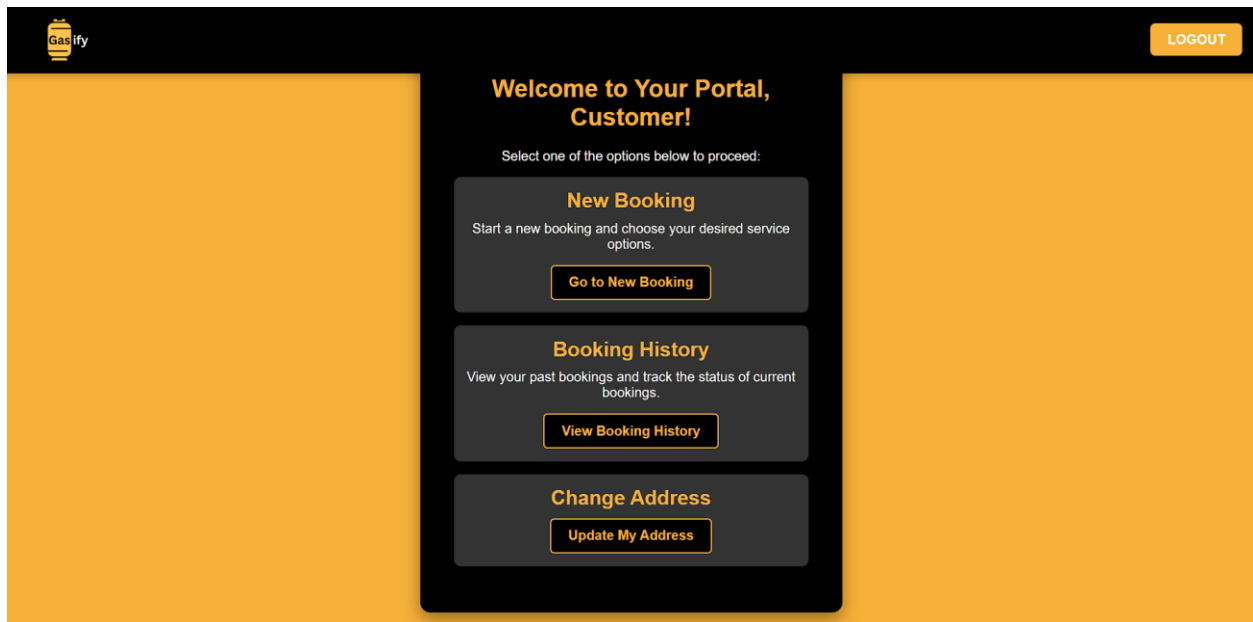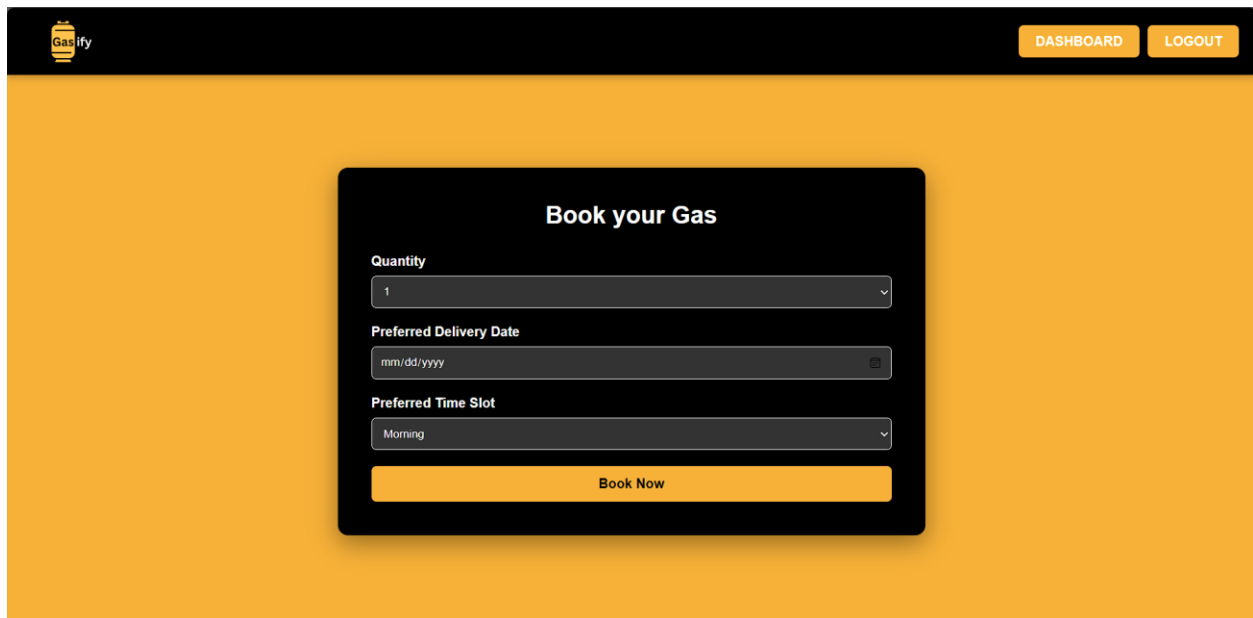**Customer Login**

Username
user

Password
••••••••

By clicking the Login button, you agree to our Terms & Conditions and Privacy Policy

Login

Customer Portal page:

Booking page:

Booking History page:

Address Update page:

Customer Signup page:

Gasify | HOME

Customer Signup

Full Name
Rohan

Phone Number
9999999999

Address
Jaipur

Username
rohan22

Email
rohan@gmail.com

Password
•••••••••

Confirm Password
••••••••

By clicking the Sign Up button, you agree to our Terms & Conditions and Privacy Policy

Sign Up