

# Sophisticated Interfaces: The User Experience

System Directory

01

Introduction

02

Problem Statement

03

OOP Implementation

04

User Interface

05

Database Structure

06

Conclusion

The ANU Hotel Management System features elegantly designed user interfaces that combine functionality with aesthetic appeal. Like the carefully curated spaces of a luxury hotel, each interface provides an intuitive and visually pleasing experience tailored to specific user roles.

- Login
- Customer Dashboard
- Receptionist Dashboard
- Admin Dashboard

Hotel Management System - Login

Welcome to ANU Hotel

Username:

Enter username

Password:

.....

```
public class LoginForm {  
    private JFrame frame;  
    private JTextField usernameField;  
    private JPasswordField passwordField;  
    private JButton loginButton;  
    private JButton registerButton;  
  
    // Constructor and UI setup...  
  
    private void loginUser() {  
        String username = usernameField.getText().trim();  
        String password = new String(passwordField.getPassword());  
  
        // Validation and authentication...
```



# The Challenges of Modern Hotel Management

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- 01 Introduction
- 02 Problem Statement
- 03 OOP Implementation
- 04 User Interface
- 05 Database Structure
- 06 Conclusion

In today's competitive hospitality industry, hotels face numerous operational challenges that directly impact guest satisfaction, staff efficiency, and business profitability.



### Fragmented Booking Management

- Manual booking processes lead to errors and double-bookings
- Difficulty tracking room availability in real-time
- Inefficient handling of booking modifications and cancellations



### Complex User Management

- Different access requirements for various staff roles
- Customer registration and verification processes
- Secure authentication and authorization



# Welcome to the ANU Hotel Management System

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Where luxury hospitality meets elegant software engineering. This presentation will guide you through a sophisticated system designed to elevate the hotel management experience through thoughtful design and powerful functionality.

Key Features




Role-Based Access

Tailored interfaces for administrators, receptionists, and customers




Booking Management

End-to-end reservation lifecycle from creation to completion



Payment Processing

Support for multiple payment methods with secure transaction handling



Room Availability

Dynamic tracking of room status and availability

Scroll to explore

HotelSystem.java

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