

DESIGN A WEBSITE-BASED INFORMATION SYSTEM AND ROOM RESERVATION FOR PURNAMA BALIGE HOTEL

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Introduction

The system to be built is a Website-Based Full Balige Hotel Information and Room Booking System Design. This system was built to assist visitors in making online reservations to the Purnama Balige Hotel. In addition, the system was also built to assist Admin in managing financial reports and visitor list management.

System Overview

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Current System

Purnama Hotel Balige is one of the hotels located on the beach of Lake Toba, North Sumatra. Hotel Purnama faces some critical challenges in reservation management and room management. Currently, the room booking process is still done manually, which requires guests to contact the hotel directly to make reservations which can increase the risk of data errors and delays in confirmation. Uncoordinated integration between room availability information and hotel operational status can lead to confusion for guests and difficulties for staff management. Reliance on third-party applications such as Traveloka, Booking.com and Tiket.com results in additional costs and hinders brand building and direct customer relations. Brand building as well as direct relationships with customers. Therefore, the development of an in-house reservation system is important to overcome these challenges, reduce dependency on third-party platforms, improve efficiency, and minimize additional costs.

Target System

The website-based Purnama Hotel Information System was created to make it easier for visitors to make room reservations and make it easier for the hotel to make room booking reports every day. This system will allow guests to make room reservations online through the hotel's official website, with the ability to view room availability, room types, facilities, and prices. In addition, the system will provide features for staff management for inventory management and room maintenance. The website-based Purnama Hotel Information System provides features such as events, gallery, rooms and suites, facilities, reviews and contacts that can be accessed by customers. Customers who want to Customer must do the account registration process first and login using the account that has been registered. Likewise with Admin, Admin must login to be able to manage the information system.

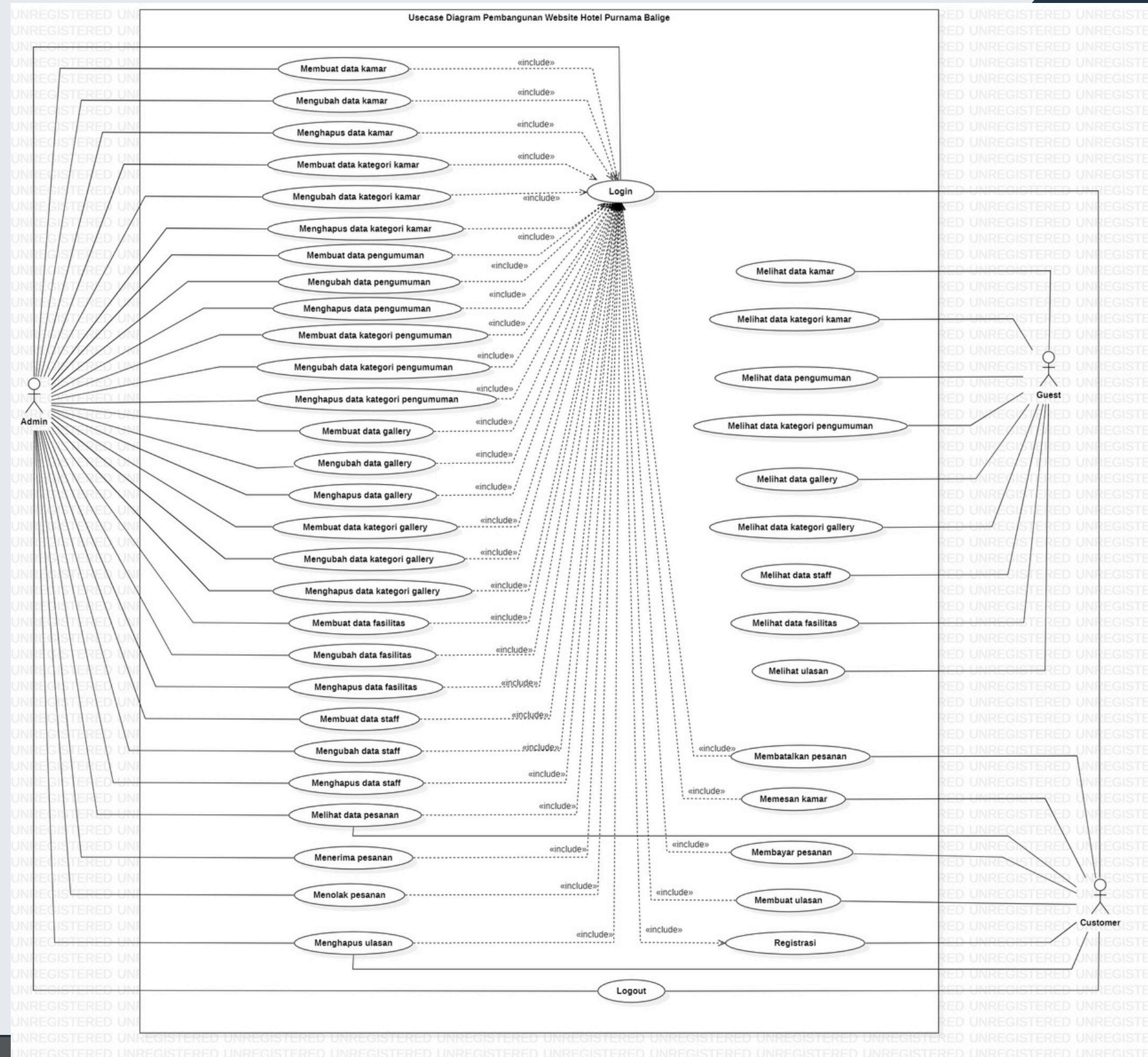
Main Function

- 01 Fungsi registrasi**
- 02 Fungsi login**
- 03 Fungsi logout**
- 04 Fungsi mengelola halaman fasilitas**
- 05 Fungsi mengelola halaman galery**
- 06 Fungsi mengelola halaman kategori gallery**
- 07 Fungsi mengelola halaman pengumuman**
- 08 Fungsi mengelola halaman kategori pengumuman**

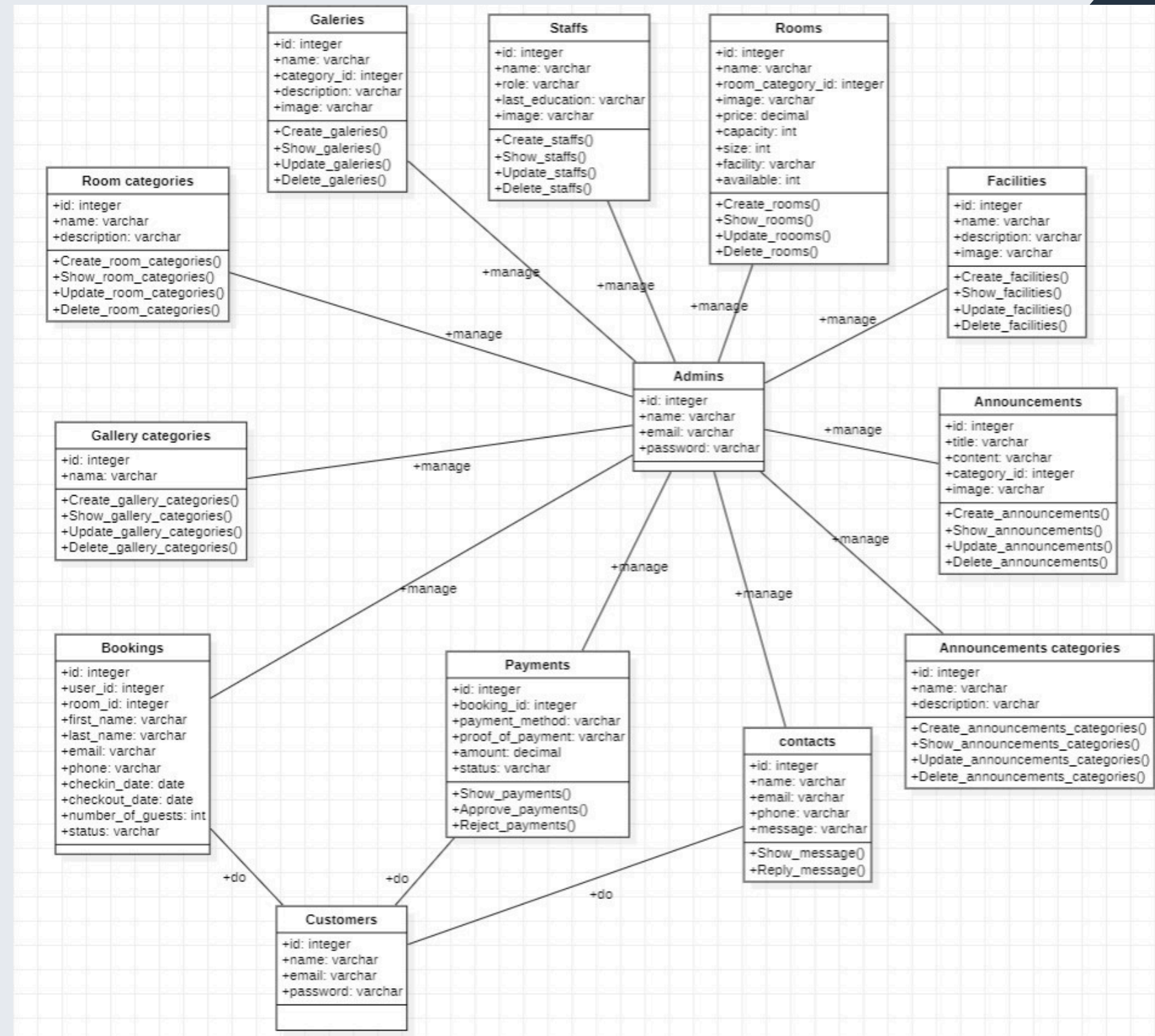
Main Function

- 09 Fungsi mengelola halaman kamar**
- 10 Fungsi mengelola halaman kategori kamar**
- 11 Fungsi mengelola halaman staff hotel**
- 12 Fungsi membuat pesan**
- 13 Fungsi pemesanan**
- 14 Fungsi konfirmasi pemesanan**
- 15 Fungsi pembayaran**

Use Case Diagram



Class Diagram



Thank You

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