

# Hotel Management System Documentation

## Overview

The Hotel Management System is a graphical user interface (GUI) application built using Tkinter and SQLite in Python. It allows hotel administrators to manage guest bookings, perform check-ins and check-outs, export booking details, and manage user authentication.

## Features

- 1. Guest Management**
  - Add new guests with name, room number, check-in, and check-out dates.
  - Display all guests currently checked into the hotel.
  - Check out guests and remove them from the database.
- 2. Export Bookings**
  - Export all booking details to a text file for record keeping.
- 3. User Management**
  - Secure login system with username and password authentication.
  - Ability to create new user accounts for hotel administrators.

## Modules

### 1. Main Module: `hotel_management.py`

- **Functionality:**
  - Establishes a connection to SQLite database (`hotel_management.db`).
  - Defines GUI elements using Tkinter for guest management, booking export, and user authentication.
  - Implements functions to interact with the database (add, delete guests) and handle user login/authentication.

### 2. Database Schema: `hotel_management.db`

- **Tables:**
  - `guests`: Stores guest information including `id`, `name`, `room_number`, `check_in_date`, and `check_out_date`.

### 3. User Authentication: `login_credentials.txt`

- Stores usernames and hashed passwords for user authentication purposes.

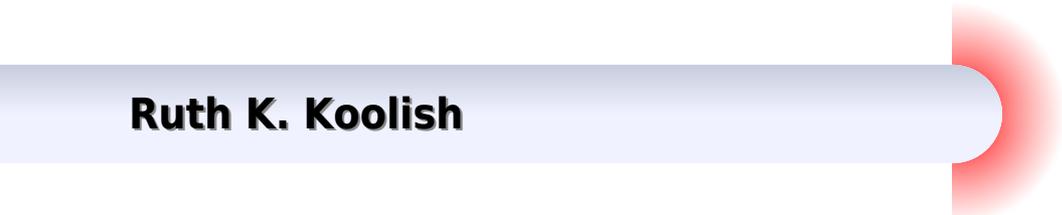
## GUI Components

### Dark Theme Colors

- `BG_COLOR`: Background color (`#2b2b2b`)
- `FG_COLOR`: Foreground (text) color (`#ffffff`)

# Hotel Management System Documentation

**Ruth K. Koolish**



## **Hotel Management System Documentation:**

*Research Outlook, Innovation & Research Trends in Management* Dr Prashant P Chaudhari, Dr Jasdeep Kaur Dhani, Mrs Priyanka Gupta, 2020-10-25 The aim of this book is to provide a concise presentation of the theory and practice in the field of management studies with particular emphasis on effective and innovative practices The scope is comprehensive and research based and yet presents the content in an accessible manner ready to be applied in management practice The book presents conventional and newer tools for research in management studies These themes are anchored in the core elements of management studies together with inputs from current research efforts By adding quality research articles and related case studies it can form a solid base for researchers in the management With a general grounding in the strategy literature including key references it might even serve as a useful core text for PhD students with a general interest in the management field R D teams in the twenty first century will work on complex problems that require the input of a variety of disciplines and often involve collaboration among specialists located on different continents Add the business dimensions of marketing finance design production and legal assistance and the management of research development and innovation is clearly demanding This book is directed primarily to students academicians and other professionals in the field of management Beyond the quality professional group the book will also attract attention of research scholars pursuing PhD in the field of management At a glance this book is targeted to the needs of individuals engaged in the field of teaching and research of management Creative and innovative topics are presented to the audience in a way that enables them to incorporate new proficiencies into their day to day work We would like to thank all the contributors who have made the production of this book so fascinating and enjoyable Their scholarship and dedicated commitment and motivation to getting it right are the keys to the book s quality and we greatly appreciate their good nature over many months in the face of our editorial demands and time limits We are also grateful for using their texts ideas and critical remarks We would also like to thank Dr Craig N Refugio Dr D Ayub Khan Dawood all reviewers and all authors for their help in consolidating the interdisciplinary of the book We are grateful to all the 18 institutions for their support It will not be possible to bring out this edition **Legislative**

**Document** New York (State). Legislature, 1930 [Comprehensive Informatics Practices Xi](#) Ramesh Bangia, 2005

*Sustainable Development and Social Responsibility—Volume 2* Ahmed N. Al-Masri, Yousef Al-Assaf, 2020-01-13 This book gathers high quality research papers presented at the 2nd AUE international research conference AUEIRC 2018 which was organized by the American University in the Emirates Dubai and held on November 13th 15th 2018 The book is broadly divided into two main sections Sustainability and Smart Business and Sustainability and Creative Industries The broad range of topics covered under these sections includes risk assessment in agriculture corporate social responsibility and the role of intermediaries the impact of privatizing health insurance political events and their effect on foreign currency exchange the effect of sustainable HR practices on financial performance sustainability integration in the supply chain and logistics gender

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meticulously selected to ensure a comprehensive coverage of the syllabus providing students with a thorough understanding of the core concepts required for success in their exams We hope that this book will not only support students in their academic journey but also inspire them to delve deeper into the fascinating field of System Analysis and Design As technology continues to evolve the knowledge and skills gained in System Analysis and Design will be instrumental in shaping the future of information systems development We would like to extend our gratitude to the faculty members and students of IGNOU who have contributed to the development of this book Your feedback and insights have been invaluable in ensuring that this book meets the needs of today s learners

**PC Mag** ,1998-10-06 PCMag com is a leading authority on technology delivering Labs based independent reviews of the latest products and services Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology

**Sourcebook I--small Systems Software and Services Sourcebook** Ruth K. Koolish,1983

**Hotel Management and Operations, Website** Denney G. Rutherford,2002 A real world look at every major aspect of hotel management and operations Hotel Management and Operations Third Edition helps readers to develop the wide ranging knowledge and analytical skills they need to succeed in today s burgeoning and dynamic hotel industry Featuring contributions from 60 leading industry professionals and academics this comprehensive presentation encourages critical thinking by exposing readers to different viewpoints within a coherent theoretical structure enabling them to formulate their own ideas and solutions Each of the book s nine parts examines a specific hotel department or activity and presents a variety of viewpoints on the duties responsibilities problems and opportunities encountered there Multidimensional case studies challenge readers to identify the central issues in complex management problems understand the structure and resources of the department in question and find solutions that may involve other hotel resources and departments This remarkably well designed learning tool Covers all hotel departments from front office to finance from marketing to housekeeping Links advanced theory with real world problems and solutions Encourages critical thinking by presenting differing viewpoints Features As I See It and Day in the Life commentary from young managers Provides a solid introduction to every aspect of hotel management Complete with extensive references and suggestions for further reading Hotel Management and Operations Third Edition is an ideal book for university hospitality programs and management training programs within the hotel industry

Commercial News USA. , Lodging Hospitality ,1988

**Document Imaging Report** ,1996

Global Encyclopedia of Public Administration, Public Policy, and Governance Ali Farazmand,2023-04-05 This global encyclopedic work serves as a comprehensive collection of global scholarship regarding the vast fields of public administration public policy governance and management Written and edited by leading international scholars and practitioners this exhaustive resource covers all areas of the above fields and their numerous subfields of study In keeping with the multidisciplinary spirit of these fields and subfields the entries make use of various theoretical empirical analytical practical and methodological bases of knowledge Expanded and updated the second

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*27th Annual International Computer Software and Applications Conference* ,2003 In the COMPSAC tradition the proceedings spans a broad and diverse range of both technical and non technical topics from basic methodology and software process design to such practical concerns as liability risk and insurance issues *Management Information Systems* Kenneth C. Laudon,Jane Price Laudon,1994

**Evaluation of Integrated Document Management System (IDMS) Options for the Arizona Department of Transportation (ADOT)** ,2003 This report outlines the options and opportunities that exist for further deployments of Integrated Document Management System IDMS and the appropriate design approach and steps towards acquiring and implementing IDMS related technologies to increase the competitive advantage and service levels within ADOT The report also presents a number of sample IDMS procurement scenarios which describe the expenditures required to implement IDMS solutions within specific target areas of ADOT These scenarios are presented as generic templates which can be used across sections within ADOT and also as a basis for future budget allocation processes by ADOT

*The Software Encyclopedia* ,1988 System ,1922

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