



# HOSTEL FINDER APPLICATION: A WEB-BASED APPROACH FOR SMART ACCOMMODATION MANAGEMENT

<sup>1</sup>Solanke Rutuja Rustum, <sup>2</sup>kakade Vaishnavi Mahesh, <sup>3</sup>Kadam Shruti Sanjay f, <sup>4</sup>Radha Ramrao Londhe

Student\*1, Computer engineering, shri shivaji polytechnic institute, parbhani, Maharashtra, India

Student\*2, Computer engineering, shri shivaji polytechnic institute, parbhani, Maharashtra, India

Student\*3, Computer engineering, shri shivaji polytechnic institute, parbhani, Maharashtra, India

Student\*4, Computer engineering, shri shivaji polytechnic institute, parbhani, Maharashtra, India

Prof.thaware K.B\*5, Computer engineering, shri shivaji polytechnic institute, parbhani, Maharashtra, India

## Abstract—

This paper presents a comprehensive Hostel Finder Application designed to simplify the process of searching and booking hostels. The system provides real-time availability, secure authentication, and centralized management. It significantly reduces manual effort and enhances user experience.

## Keywords—

Hostel Finder, Web Application, MERN Stack, Booking System, Automation

## I. INTRODUCTION

The Hostel Finder Application addresses the growing need for digital accommodation services. Traditional methods are inefficient and lack transparency. This system provides a centralized platform where users can search, filter, and book hostels efficiently. It ensures better communication between users and hostel owners. The Hostel Finder Application addresses the growing need for digital accommodation services. Traditional methods are inefficient and lack transparency. This system provides a centralized platform where users can search, filter, and book hostels efficiently. It ensures better communication between users and hostel owners. The Hostel Finder Application addresses the growing need for digital accommodation services. Traditional methods are inefficient and lack transparency. This system provides a centralized platform where users can search, filter, and book hostels efficiently. It ensures better communication between users and hostel owners. The Hostel Finder Application addresses the growing need for digital accommodation services. Traditional methods are inefficient and lack transparency. This system provides a centralized platform where users can search, filter, and book hostels efficiently. It ensures better communication between users and hostel owners. The Hostel Finder Application addresses the growing need for digital accommodation services. Traditional methods are inefficient and lack transparency. This system provides a centralized platform where users can search, filter, and book hostels efficiently. It ensures better communication between users and hostel owners.

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## II. PROBLEM STATEMENT

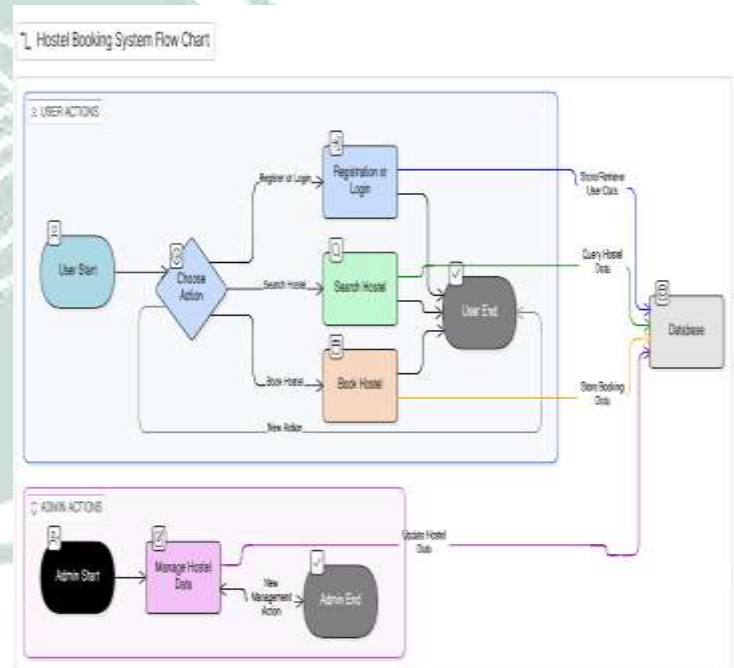
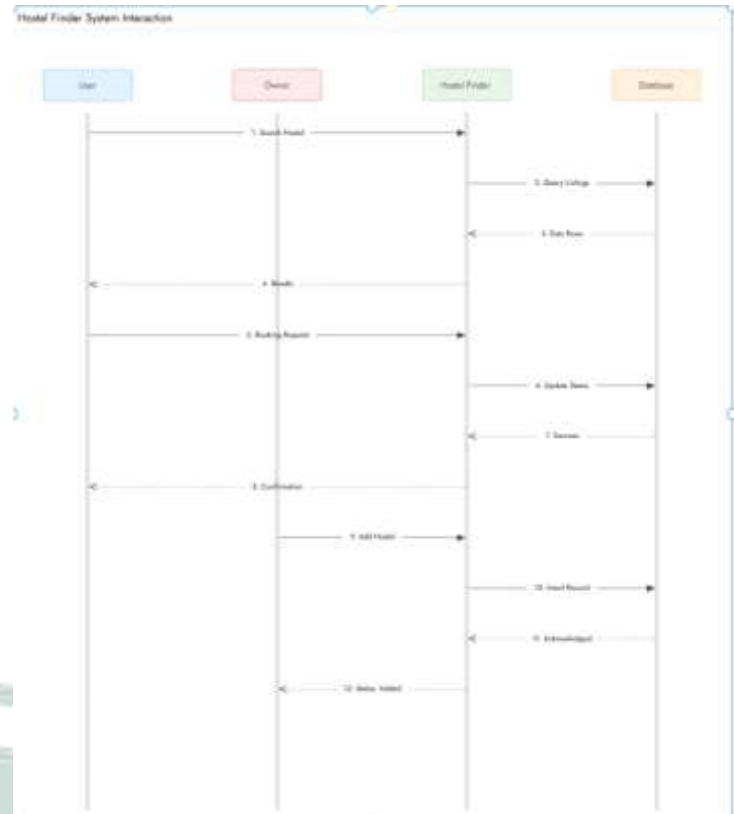
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### VII. METHODOLOGY

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Use case diagram



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