

*B.N.M. Institute of Technology*

WEB TECHNOLOGIES AND ITS APPLICATION

# EstateCraft

Redefining Real Estate Excellence  
with MERN

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# Problem Statement

The traditional real estate process is often cumbersome and lacks efficiency, with users facing challenges in finding, viewing, and booking properties seamlessly. There is a need for a modern solution that provides a user-friendly interface, streamlines property management, and enhances the overall real estate experience.

# Objectives

## User-Friendly Interface

Develop an intuitive and aesthetically pleasing interface to enhance user experience.

## Efficient Property Management

Enable users to easily add and manage their properties on the platform.

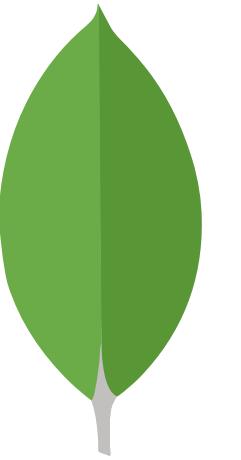
## Detailed Property Information

Provide comprehensive details about each property, including images, specifications, and pricing.

## Powerful Search Functionality

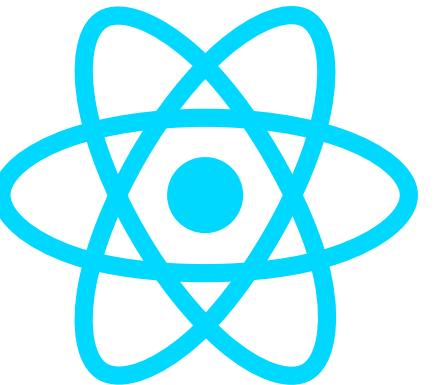
Incorporate robust search features for users to quickly find properties based on their preferences.

# Tech Stack

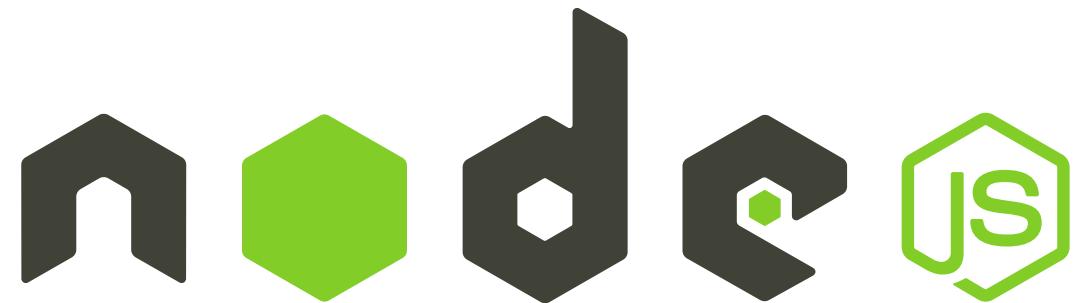


MongoDB

Express



React



# Key Features

01

## User-Friendly Interface

- Intuitive design for easy navigation.
- Responsive layout for optimal user experience on various devices.

02

## Add Property

- Simple form-based property addition.
- Image uploads for showcasing property features.

03

## Book Appointment

- Integrated calendar for selecting available slots.
- Seamless Booking Experience.

04

## Details about the Property

- Comprehensive property specifications.

05

## Search Functionality and Map Integration

- Quick suggestions based on user preferences.
- Map integration for visual property exploration.

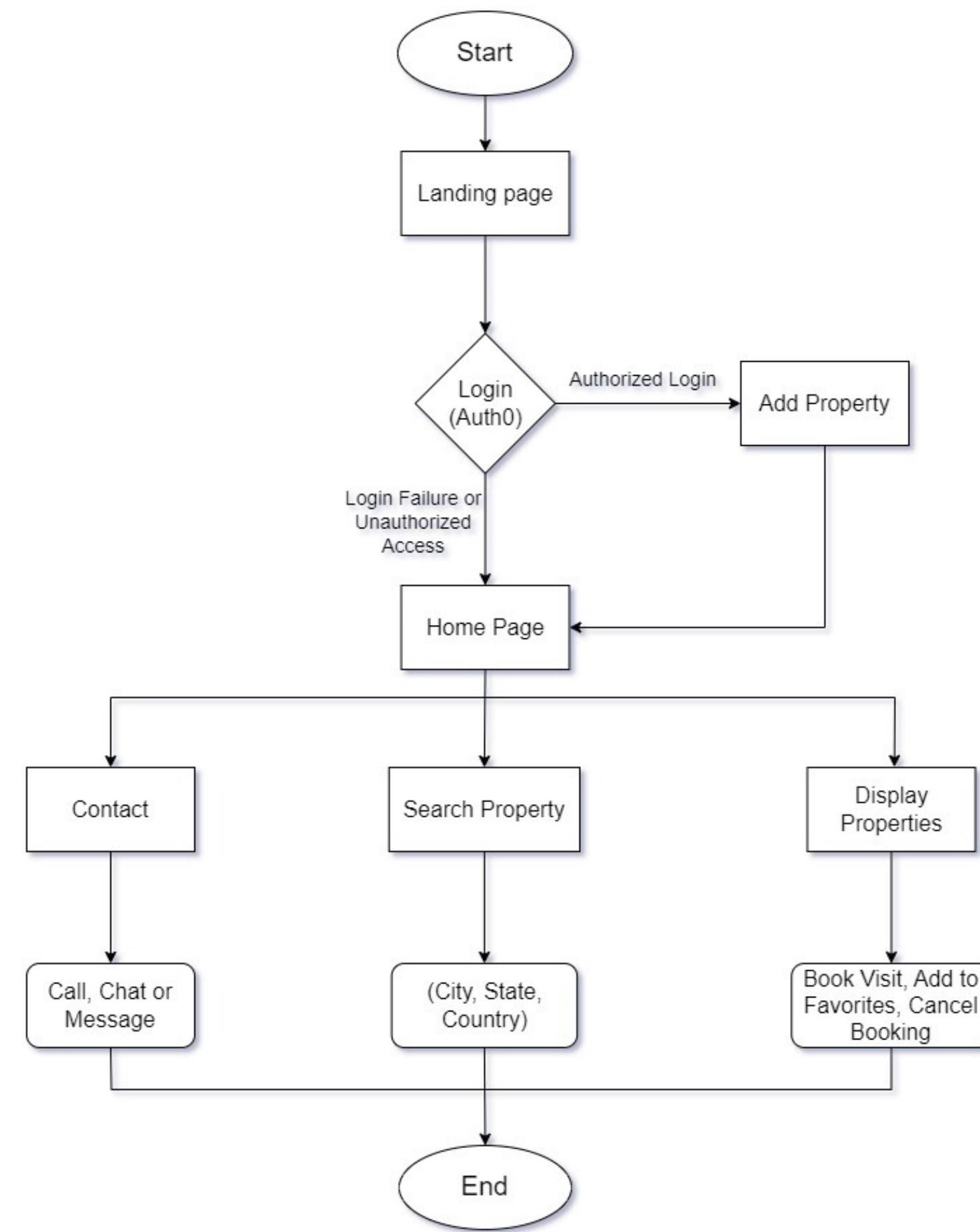
06

## Favorites

- Can list favorite properties
- Easy filtering of properties



# Flowchart



# Applications

## Property Owners

Easily list and manage their properties, track appointments, and receive inquiries.

## Buyers/Renters

Effortlessly search for properties, view details, and book appointments for viewings.

## Interactive Property Mapping

Advanced mapping features to allow users to visually explore and locate properties on an interactive map, providing a spatial context to enhance the property search experience.

# Conclusion

The MERN stack real estate web application revolutionizes the way properties are managed, viewed, and booked. With its user-friendly interface, robust features, and efficient tech stack, it addresses the pain points in the traditional real estate process, creating a seamless experience for property owners, buyers, and real estate agents alike. Embrace the future of real estate with our innovative solution.

Thank  
you!!!

