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LOGISTIC REAL ESTATE SYSTEM

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Abstract :

Real estate system is a project which provides a friendly format for buying and selling properties. Users can search and browse for property in this application. This application also allows users to book the property. This application mainly concentrates on maintaining and managing the details of the property. This application deals with buying and selling the Plots. This system will provide facility to the user to search plots and view property. This system will provide facility to view the property by admin and user. User will able to upload the property information to the site and able to manage it. This system will provide facility to the user to fill up their requirement and according to their Requirement Admin can add the Requirement property. This system will provide facility to the user to publish advertise to the Site and view. This system will provide facility to the user to feedback to the site.As the land value keeps on changing routinely it is necessary to maintain this detail to attract the clients and convince them. The details of lands and buildings those are confirmed are maintained separately in order not mingle them with the available lands.

- It is automated computerized based software system and it is easy to operate.
- Attractive User Interface and Reduce manpower work.

Keywords: Warehousing, Distribution centers, e-commerce and global supply chains

1. INTRODUCTION

A Wish! A Hope! A Dream! This is where all good things start. Hence, the start of Sai Innovative Solutions. A small group of young and enthusiastic software professionals with a strong desire to stand apart and to earn recognition for positive and creative work.

Sai Innovative Solutions is always motivated by new innovations and upcoming technologies, and believes that the sky is the limit. Hence there is a constant endeavor to update and enhance the existing solutions with respect to that of the latest and the best technologies available in the market.

Sai Innovative Solutions is an emerging global IT solutions provider. This company offer a complete range of uncompromising quality and value added IT products and services with focus on specific vertical segments. This company differentiate ourselves in the IT market place by providing unmatched business value to customers through a combination of business analysis process excellence, quality frameworks and service delivery innovation. Our aim is to deliver optimal solutions that help our customers achieve their business goals.

This company a fast growing Company in the field of IT services. This company offer Web Designing and Development, E-Commerce Application, Web Application, Flash Presentation, Logo Designing and Banner Designing. The core team members are of highly qualified, talented and innovative individuals with specific areas of expertise and experience.

2. EXISTING SYSTEM

In existing system need lot of time and resources have Restricted us to incorporate; only a main activities that are performed in a Customer Payable System, but almost care has been taken to make the system efficient and not user friendly. It has been designed to manual work the following functions that is performed by the system

2.1 DRAWBACKS:

❖ Risk of mismanagement and of data when the project is under development.

❖ No proper coordination between different customer and admin.

❖ Fewer Users - Friendly.

3. PROPOSED SYSTEM

The Proposed system provides the centralized database. It stores all data and description of the particular Details. It can also produced report automatically based on the information in its database.

3.1 Advantages over Existing System

- Performance is increased due to well designed database.
- Security is increased
- Time saving in report generation
- Easy to update the details

4. METHODOLY

For a **Logistic Real Estate System** project, the methodology you choose will help organize and streamline the development process. Typically, you can use a **Software Development Life Cycle (SDLC)** methodology that fits your team's needs, the project's complexity, and timelines. Below is a breakdown of the methodology suited for this type of project:

Suggested Methodology: Agile Development Agile is well-suited for projects that need flexibility, quick iterations, and continuous improvement. The methodology focuses on delivering small, functional pieces of the system in iterative cycles called **sprints**. This approach allows for regular feedback from stakeholders, which is critical for projects like a logistics and real estate system that may have evolving requirements.

Key Phases in the Agile Methodology:

1. Requirement Gathering and Planning (Sprint 0)

Goal: Establish a clear understanding of the project scope, deliverables, and stakeholders.

Activities: ○ Meet with stakeholders (property managers, logistics providers, real estate agents, warehouse owners) to gather requirements.

Prioritize features (property search, logistics management, real-time tracking, etc.).

Define MVP (Minimum Viable Product) and identify must-have features.

○ Develop user personas for different

Stakeholder (e.g.,
Property managers, tenants, logistics teams). ○ Break down high-level features into smaller tasks (user stories) and create a product backlog.

2. Design Phase

Goal: Plan the system architecture and design the user interface (UI).

Activities:

○ **Architecture Design:** Design the overall system architecture (database structure, APIs, cloud services, integration points). ○ **Wireframing/Prototypin g:** Design wireframes and prototypes for user interfaces. Create mockups for property management dashboards, logistics tracking screens, and inventory management views.

○ **Database Design:** Model the relational database or NoSQL structure to support real estate listings, logistics data, and inventory.

○ **API Design:** Plan the APIs for data exchange between the system components (e.g., user profiles, property search, logistics data).

3. Development Phases (Iterative Sprints) **Goal:** Build and deploy the system in small, iterative sprints, with each sprint delivering a set of features.

Sprint 1 - Core Property Management

- **Focus:** Set up the basic property management functionality (property listings, search, filters).
- **Tasks:**

○ Implement a user authentication system (sign-up, login, profile management).

○ Develop core property management features (add/edit/list properties, search properties by location, size, price).

- Database setup and basic CRUD operations for properties.

Sprint 2 - Logistics and Warehouse Management

- **Focus:** Develop the logistics module to track warehouse inventory and delivery management.
- **Tasks:**
  - Build inventory management system (track goods, update stock levels).
  - Develop warehouse space management (availability, booking, location).
  - Integrate basic logistics tracking (view shipment status, delivery times).

Sprint 3 - Advanced Features

- **Focus:** Enhance functionality with advanced features like analytics and payment integration.
- **Tasks:**

Implement data analytics (property price trends, logistics performance, demand forecasting).

- Integrate payment gateways for property rent, logistics payments, etc.
- Build dashboards for real-time tracking of properties and logistics.

Sprint 4 - Finalization and Polish

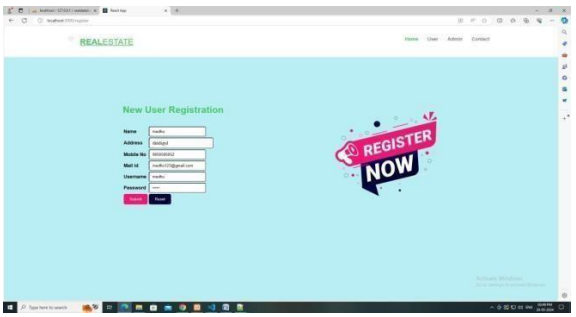
- **Focus:** Refine UI/UX, optimize performance, and ensure all key features are functional.

Tasks:

- Finalize the UI with a polished design.
- Test and optimize for performance (load testing, scalability).
- Perform security testing (user data protection, payment security).
- Implement automated testing and error monitoring.

5. SAMPLE OUTPUT:

Home page



New use register

6. CONCLUSION:

The aim of this project is to develop a prototype real estate listing Service using web technology. This is a basic website where user can register then log in and manage their property. This website helps the process and removes the overhead documents. The availability of website makes the process more user friendly and makes

it more effective. User can register post, buy, rent their property as well as know the rates of property in an zone. The developed system is very user friendly, so any kind of user can handle our system, which has normal previous knowledge of the computer. But if the feel any kind of problem the can contact with the system manager and solve the problem easily. These websites provide features like search property, add property and gives different offer which will be beneficial to user. But even with these features there are certain required aspects which make these sites limited.

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