

Online Property Sale-Purchase Portal

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ABSTRACT

Property dekho is an online web portal to buy and sale of property online, it is a user friendly property search, listing for real estate needs. Save time and sell more by empowering to easily manage listings, and market to new prospects. Listing properties couldn't be easier. Registered user and system users easily list and update your properties information, approve members. List properties in minutes with intuitive forms and can set property images for particular property.

Property.com is an online real estate portal in India which offers an online platform to buy, sell and rent properties, across the country. Property.com is complete end to end solution to cover all aspects of online property buying selling procedure for small and large organization.

Estate Agent / Property Management System – eProperty is complete end to end solution to cover all aspects of Estate Agent day to day activity and Property buying selling procedure for small and large organization.

Maintain property details, registration of property for sale includes property address, property description, price.

Keywords: property, estate, buy, sell, portal

Introduction

Objective: Property dekho is an online web portal to buy and sale of property online, it is a user friendly property search, listing for real estate needs. Save time and sell more by empowering to easily manage listings, and market to new prospects. Listing properties couldn't be easier. Registered user and system users easily list and update your properties information, approve members. List properties in minutes with intuitive forms and can set property images for particular property.

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Scope:Real estate is a type of business for selling, buying, renting land, buildings and offices. Real estate agencies duties include, to give the property on rent or else to sell the property. Properties like building, retail sites, flats, houses, bungalows etc. Many people search for property for many purposes like residence, offices, faculty and etc. Every individual wants his house to be in the best location with best facilities. Offices should be near market area in order to increase sales and productivity. The manual real estate agency follows a lengthy and hectic process. People need to meet the agent in person, for checking the Property details and also needs to visit the location. It takes long time to look for the desired location and desired type of property. Thus, Nevon Projects has proposed a Real estate management system to overcome this difficulty. This online Property management system can help you to get best property by just sitting at home or anywhere. People can book their favorite property online just after a few clicks. In this system the agents can add the property for selling/ renting purpose and users can buy or book a property for rent. This system has two modules namely, Admin and User. Admin can add the property details for buildings, retail sites, flats, houses, bungalows[5]

Limitation

Limitations are matters and occurrences that arise in a study which are out of the researcher's control. They limit the extensity to which a study can go, and sometimes affect the end result and conclusions that can be drawn. The few limitations in this web application are as follows:

- Lack of funds
- Inadequate timing
- Property is displayed for the limited number of days.
- Maps are not provided for the convenience of the user.
- Advance search facility is available for only registered user.
- Only few cities property can be uploaded.
- It doesn't have online agreement facility.

Methodology

The methodologies of this research include:

- Using available data/information
- Oral interview.
- Observation.
- Database design and web programming[1]

The observation here refers to the method which

involves careful looking at the staff and institution of the students when carrying out activities in their works, since the project The database management system of choice is MYSQL while the web programming was done with HTML (hypertext markup language), Java script, CSS (cascading Style Sheet) and PHP (hypertext pre-processor).[2]

Problem Statement & Feasibility Study

Business Requirements:

The business goal for the application is to increase efficiency of registration process and powerful search facilities and capable of matching property with clients. And increase the productivity and Business requirements are discussed in the Scope section, with the following additional detail:

- Improve the search facility and all the users of Property Management System should get all the information in a second.

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- The application should support the capability to use multi user environment.
- Manager should able to generate all type of letters as and when required by the organization.
- .
- System should store all the transaction like phone call to client, generate offer letter and can be produced whenever is required

The Management wants to improve their current ability to analyze property, client. In particular, they want to focus on identifying their best property and client. To enable them to accomplish this goal, they want to extract meaningful data that easily answers the following questions:

- What are the early warning signs of problems?
- What are my users' issues as groups?

SYSTEM IMPLEMENTATION

Implementation of security mechanisms at various levels.

This document describes the user acceptance test plan for the Property ManagementSystem. The complete test strategy for the Property Management System is to perform the following kinds of tests, in sequence:

D) TESTING

Testing plays a vital role in the success of the system. System testing makes a logical assumption that if all parts of the system are correct, the goal will be successfully

achieved. Once program code has been developed, testing begins. The testing process focuses on the logical internals of the software, ensuring that all statements have been tested, and on the functional externals, that is conducted tests to uncover errors and ensure that defined input will produce actual results that agree with required results.

II) OBJECTIVES OF TESTING:

- 1) Testing is a process of executing a program with the intent of finding the error.
- 2) A good test case is one that has a high probability of finding on unpredictable error.
- 3) A successful test is one that provides solution for unpredictable error.

The Minimum aim of testing process is to identify all defects existing in software product. Software product testing accomplishes a variety of things, but most importantly it measures the quality of the software that is developed. This view presupposes that there as defects in the software waiting to be discovered and this view is rarely disproves or even dispute.

III) TESTING STRATEGY:

- i) As each module is developed it is tested and if found faultless is integrated in main module.

- ii) If the module is not perfect it is built again.

Each test plan item should have the following specific characteristics:

- i) It should be uniquely identifiable.
- ii) It should be unambiguous.
- iii) It should have well-defined test-data (test parameters)
- iv) It should have well-defined pass/fail criteria for each sub-item and overall-criteria for the pass/fail of the entire test itself.
- v) It should be easy to record.

IV) TESTING METHODOLOGY:

To be truly robust, distributed applications require more than simple functional testing before release into production. At least one and preferably all of the following types of testing before releasing application to customers should be performed.

- Performance Testing
- Load Testing
- Stress Testing
- Endurance Testing

V) TESTING PROCEDURE:

The testing part forms an important aspect of any System and is vital for success of the system. System testing makes a logical assumption that if all the parts of the system are correct, the goal will be

successfully achieved. Philosophy behind testing the system is to find errors & rectify it.

The system test change is transitional one, as it represents the period during which control of the newly developed system passes from the hands of the development team to final users. It is therefore a critical point as it is the last opportunity to check the system before it is being used. The testing stage seeks to ensure following aspects of system from user point of view:

- Completeness
- Correctness
- Reliability

Thus a testing plan is necessary, as it will aid to maximize the effectiveness of discovering error by early & controlled production of test plans & test specification.

CONCLUSION

Working on the project was good experience. I understand the importance of Planning and Designing as a part of software development. But it's very difficult to complete the program for single person.

system provide major advantages such as speed and accuracy of operation, Time Efficiency, Cost Efficiency, Automatic data validation, Data security and reliability, Easy performance check

,Dynamic and User Friendly. Generates real-time, comprehensive reports and ensures access to complete and critical information, instantly.

Future Enhancement

Maps are provided to facilitate the users.

Lease option should be provided regarding properties.

Give access of website on mobile and PDAs

Send SMS to property owner who have registered and uploaded his property.

Giving property site for all metro cities.

Upload videos / 3d views of the property.

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