



Real Estate Application

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Abstract: The aim of the project is to give information of real estate (bungalow, flats), instead of visiting construction side. Application is constructed out of services like Project information services, Upcoming Project Information service, Project construction side information service. In this project, user information service is open to all application so that information distribution is possible. It will be an Android app, which will have complete information about the real estate such as projects, EMI process, Upcoming Projects, Etc It will also have a notification system for Upcoming events. This application will be of great use to Customer and construction companies, which will not cause much congestion in the construction side, which will make the whole process peaceful. And Customer will get complete information of Projects sitting at Home.

Keywords: Real Estate, Android App, Application, Java, SQLite, Bungalow, Building.

INTRODUCTION

The main objective of Real Estate App is to automate all functionalities of a construction companies or Upcoming Projects Using this system you can manage all Project information like Upcoming Project, EMI Process, completion of upcoming projects, Price and Information about Construction site. This system helps in managing the activity like Upcoming Project, Completed projects. Admin can also retrieve information of User & Create New Project List.

The Real Estate App can be used to Show Projects (bungalow, flats) Information like Type of Project (bungalow / flats), Price, Description, Area, EMI System etc. admin can Retrieve data from Enquiry form & get notice (Event/Upcoming Projects) using this system. Using this system User can get information about Construction site or construction company. You can get information related Construction site or Construction company, anytime. Admin can create New Project and submit in this system. User can check their Completion of project (bungalow, flats) by Getting Notice in the system.

'DIORR' is an application for a real estate agency allowing on one hand property owners to publish their real estate for sale or rent, and on the other hand people to view these goods and to choose the ones that most suit their needs. My contribution in this capstone project involves designing and implementing the mobile application that allows clients to make real estate transactions from their phones/tablets. The real estate agency will make profit thanks to the transactions between clients, who make most of the transaction steps through the application. The mobile application is meant to make the clients' interaction with the real estate agency and what it allows as functionalities (that are discussed in later sections of this report) very smooth and possible whenever they wish and wherever they happen to be. This final report contains the summary of the work I did during this semester so as to make this application happen. It involves the analysis, design and implementation phases.

LITERATURE SURVEY

Real Estate or immovable property, is any sub-set of land that has been legally defined and improvements to it have been made by human efforts. There are five types of Real Estate, namely Residential (housing), Commercial (offices, shops, theatres, hotels, car parks), Industrial (warehouses, factories, power plants), Agricultural (farms, orchards, etc.) and Special purpose (hospitals, schools, etc.). The residential segment is the largest of the real estate sector and is classified in three categories namely: affordable housing, mid-income housing and luxury housing.

The study is confined to Residential Real Estate (housing), more specifically flats/ apartments, constructed by sellers (Promoters/ Builders), and self-constructed housing is excluded. In accordance with the categorization will be given by 1 BHK will be treated as affordable housing, 2 BHK will be treated as mid-income housing and 3 BHK will be treated as luxury housing.



a. Location Based Services in Android Introduction Our work has been motivated by some previous work on the use of mobile technologies for the development of mobile applications (maps) for real-time projects in-volved in e-Governance initiatives and for various other real-time application scenarios around the world. The need and importance of the implementation of location-based services in Android, providing the clients with services that originate from the geographical location of the user's mobile device has been emphasized.

b. A Study on the Performance of Android Platform Introduction e-Governance facilities are being used nowadays by citizens in various Government projects of the country. But the integration of mobile technologies with the e-Governance projects can lead to more human interaction and benefits for the society as a whole. This will result in having more impact on the lives of the common citizens and increase in awareness of such e-Governance projects. The project 4 introduces the features, technologies and design of the Android mobile device application, mobile Loan app for the customer (client) of the bank for the loan approval process. The e-Land record information system has been designed and implemented with Google Map using Mobile Commerce by developing this mobile app.

METHODOLOGY

Proposed methodology of solving identification problem:

- 1) Provides complete online Android based solution, including Real Estate Information, Upcoming Projects.
- 2) Complete Android based administration, administrator can manage Enquiry Form and Projects.
- 3) No geographical boundary
- 4) User can get information about Upcoming Projects from anywhere of the world by 24X7
- 5) 100% accuracy in Projects (bungalow, flats) Information.

OBJECTIVES

Feasibility Study:

For all the new systems, the engineering process should act with the feasibility study. The input to the feasibility study is only the description of the system and how it will be used within an organization. The result of the feasibility study should be a report, which recommends whether it is worth carrying with the requirement engineering and the system development process.

Feasibility study considerations are: -

The general types of feasibility study are as follows: -

1. Economic Feasibility
2. Technical Feasibility

1. Economic Feasibility:

Economic analysis the most frequently used method for evaluating the effectiveness of the system. More commonly known as cost analysis the procedure to determine the benefits and saving that are expected from a system, the labor expenses is reduced. The cost for development of the system is very moderate. The cost of the hardware and software for management is at present economical. The benefits in turn into reduce a lot of manual paper work. The development cost in future will be putting the system on its extension.

2. Technical Feasibility:

The technical feasibility involves financial consideration to accommodate the technical enhancement, with the existing provision of computerization; the work can be 6 completed efficiently. The project is implemented in PHP which is user friendly, efficient and error free. The PHP MYSQL which supports any operating system (OS) in which the project was implemented made time such less. The computerized material planning process is to be developed in PHP which is free of cost as well as platform Independent.

PROBLEM STATEMENT

Navigating the problems in real estate world can feel like tackling a never-ending list —whether it's a lack of listings, costly leads, or title issues that bring deals to a halt. Real estate professionals face countless hurdles that can delay or derail success. According to the National Association of Realtors, appraisal issues cause 18% of transaction delays. However, the right approach can address each of these challenges. From leveraging technology to managing client



expectations, this guide will explore 21 common real estate problems and solutions. Let’s dive in and transform the challenges in real estate industry into growth opportunities.

1. Not having enough listings

How would you feel if you shopped at a store or an online website and found only 3-4 options? You would be disappointed, right? Likewise, when buyers come looking for a house, they expect to receive plenty of options to find the property that exactly meets their criteria.

2. Lead cost is high as compared to the conversion ratio

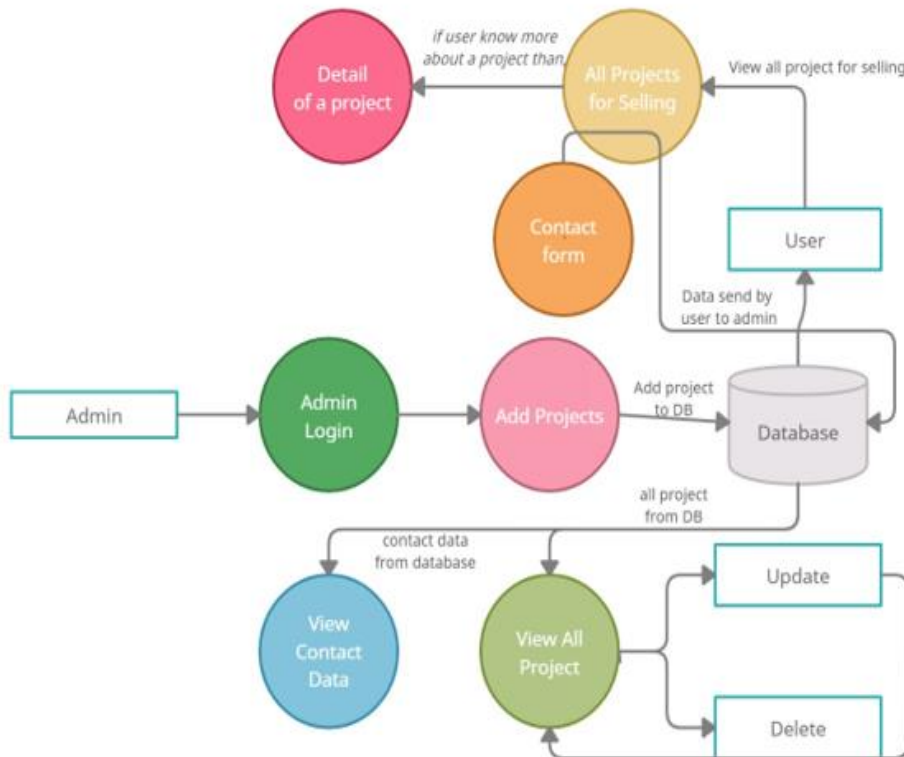
Your conversion ratio will decrease when you focus only on capturing leads rather than nurturing them. Capturing and buying leads from various platforms, such as Google Ads, Zillow, and other paid campaigns, will skyrocket your lead cost.

3. Not having an established sales process

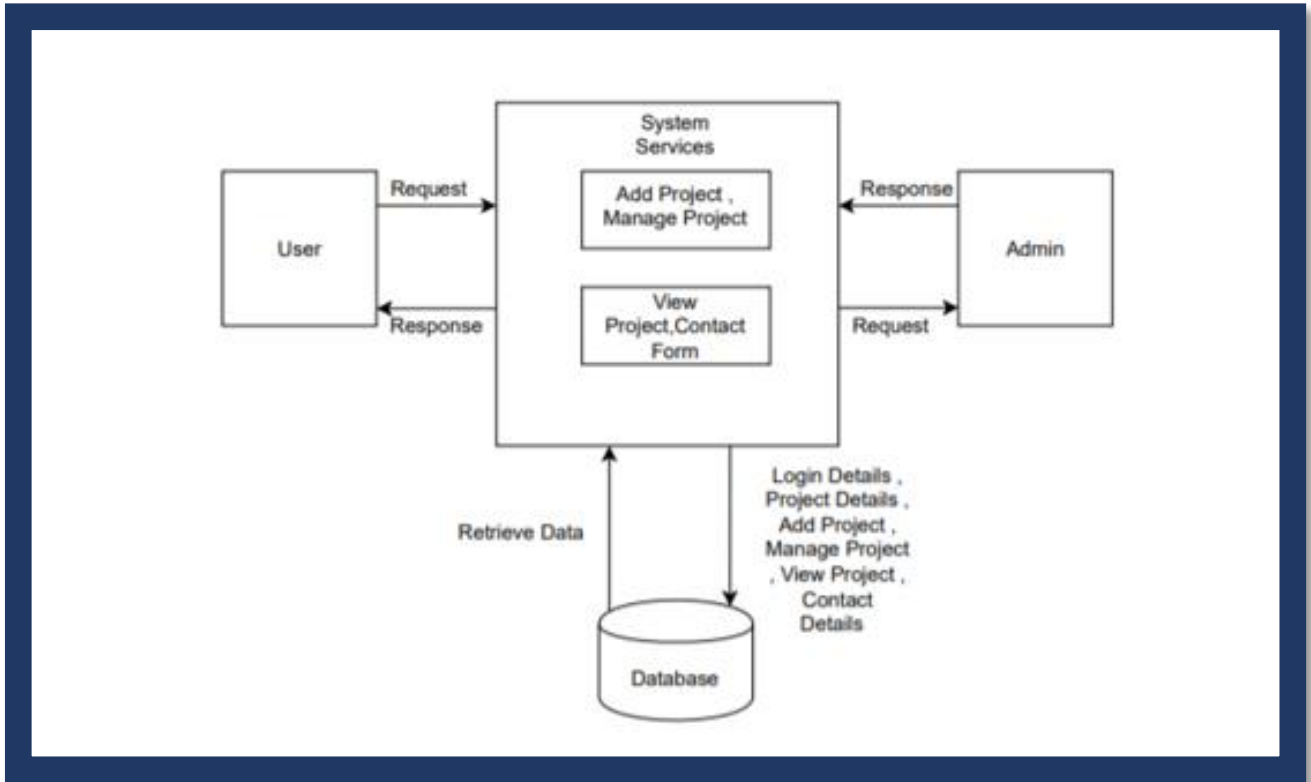
The real estate sales process consists of many stages, from listing a house to closing the sale. Real estate firms face numerous challenges and complexities, making it essential for every realtor to establish a solid sales process to keep it organized.

ARCHITECTURAL DIAGRAM

Project Design And Analysis (DFA)



Activity Diagram



CONCLUSION

Working on the project was good experience. We understand the importance of Planning and Designing as a part of software development. But it's very difficult to complete the program. The system provides 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 realtime, comprehensive reports and ensures access to complete and critical information, instantly.

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