

**Tribhuvan University**

**Faculty of Humanities and Social Science**

**PropertyLord web Application**

**A Proposal Report**

Submitted to

**Department of Computer Application**

**Swoyambhu Int’l College**

***In partial fulfilment of the requirements for the Bachelors in Computer* Application**

Submitted by

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# Chapter 1: Introduction

With PropertyLord clients may fully utilise the potential of real estate applications in the digital age, thereby revolutionising the real estate industry. In the current peak digitalization era, real estate trading is surging at a rate never seen before by dealers. In light of this, we are launching a multi-tenant system that will simplify the process of locating and renting a home, as well as purchasing and renting out lands and other types of properties.

With just a few clicks on our real estate application, you may find your ideal home! Welcome! We can assist you whether you're looking for a large family house in the suburbs, a comfortable apartment, or rooms in the city.

# Chapter 2: Problem Statement :

Nowadays, purchasing or renting a home takes a lot of time. Making decisions and gaining knowledge about the location and values of properties takes a lot of time. It takes a long time to visit the property's location. Furthermore, after the purchase is sealed, the broker bears a great deal of responsibility.

Real estate buying and selling services are offered by a number of applications such as “dalaydai.com” .Upon examining this applications, we have discovered that some crucial elements are missing that are crucial for customers, such as requesting the necessary prerequisites before purchasing, selling, or renting real estate.

# Chapter 3: Objective :

* To offer an intuitive user interface for accessing further details about properties that  are advertised.
* To shorten the time it takes to deal with real estate.
* To locate appropriate real estate based on client requirements

# Chapter 4: Features of the proposed system :

The proposed system has following features:

1.  User Registration

2. Login

3. View Properties

4.Search Properties

5. Get Properties Info

6. Add, Update, Delete Properties

7. Add, update delete, view category.

# Chapter 5: Methodology

The methodologies used to make the proposed system is given below:

## 5.1 Requirement analysis

### 5.1.1 Interviewing the clients

Conducting structured or semi-structured interviews with the users and property owners to gather their needs, preferences, and feedback.

## 

### 5.1.2 Study of existing system

Real estate buying and selling services are offered by a number of applications such as “dalaydai.com, <https://dalaydai.com/>” .Upon examining this applications, we have discovered that some crucial elements are missing that are crucial for customers, such as requesting the necessary prerequisites before purchasing, selling, or renting real estate.

## 5.2 feasibility study

Feasibility study of the proposed system is given below:

### 5.2.1 Technical feasibility

To develop the proposed system we have HyperText Markup Language(HTML), Cascading Style Sheet(CSS) and Javascript for frontend and HyperText Preprocessor(PHP) for the server side scripting which are Opensource and free to use.

Therefore, the proposed system is technically feasible.

### 5.2.2 Operational feasibility

To make the system work, we have various web hosting service providers for domain registration and web servers, as well as  Cpanels to manage and serve the listin properties within the system.

Therefore, the proposed system is operational.

### 5.2.3 Economical feasibility

Study of the Estimated cost to develop and deploy is affordable. We have various web servers to host the system at a low cost.

Upon the requirement of the System we can easily update the resources such as database size increment, servers increment  at an affordable cost.

Therefore, the proposed system is Economically feasible.

# 

# 5.3 Methodology used

The proposed system has well defined and constant requirements and no needs to increment or add new features so best software methodology for this system is waterfall system development model.

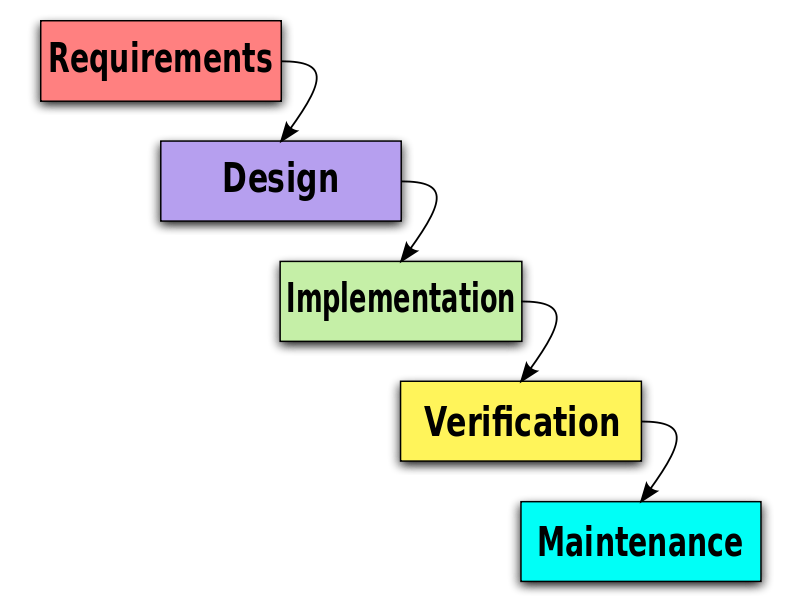
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Figure : Waterfall Methodology

## 5.4 Use case Diagram

Use case diagram for the proposed system is given below:

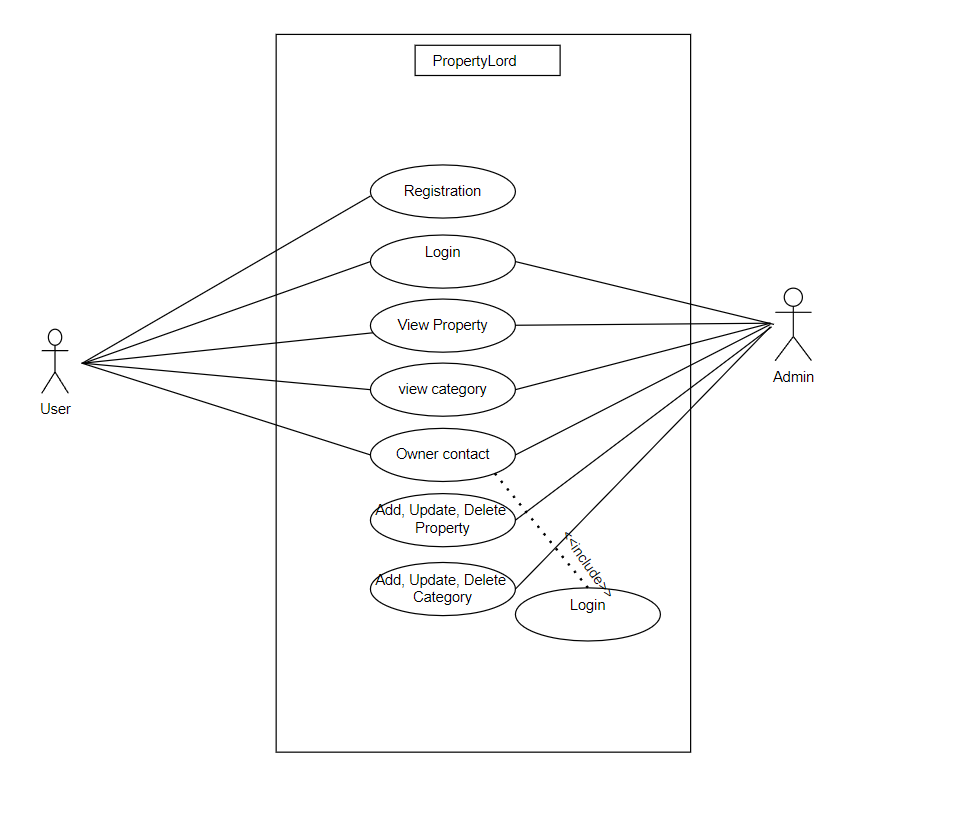


Figure : Use case diagram

## 5.5 Entity Relation (ER) Diagram

Entity Relation diagram for the proposed system is given below:

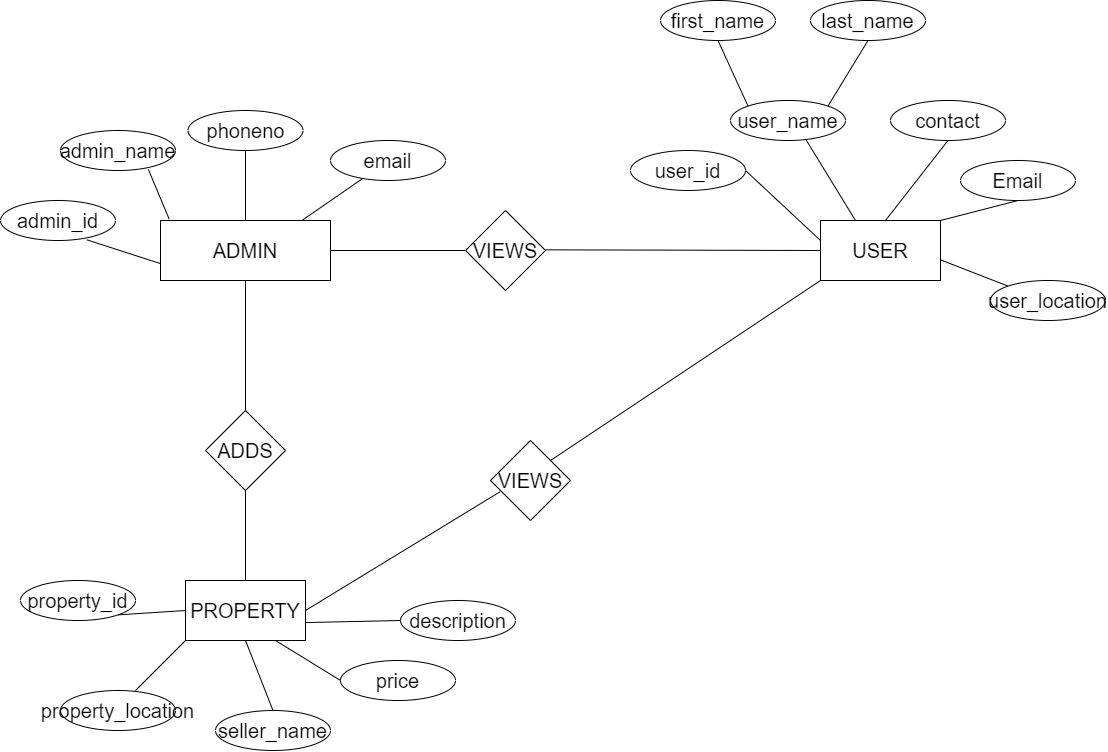


Figure 3: Entity Relation Diagram

## 5.6 system flow chart

The Flow Chart of the proposed system is given below:

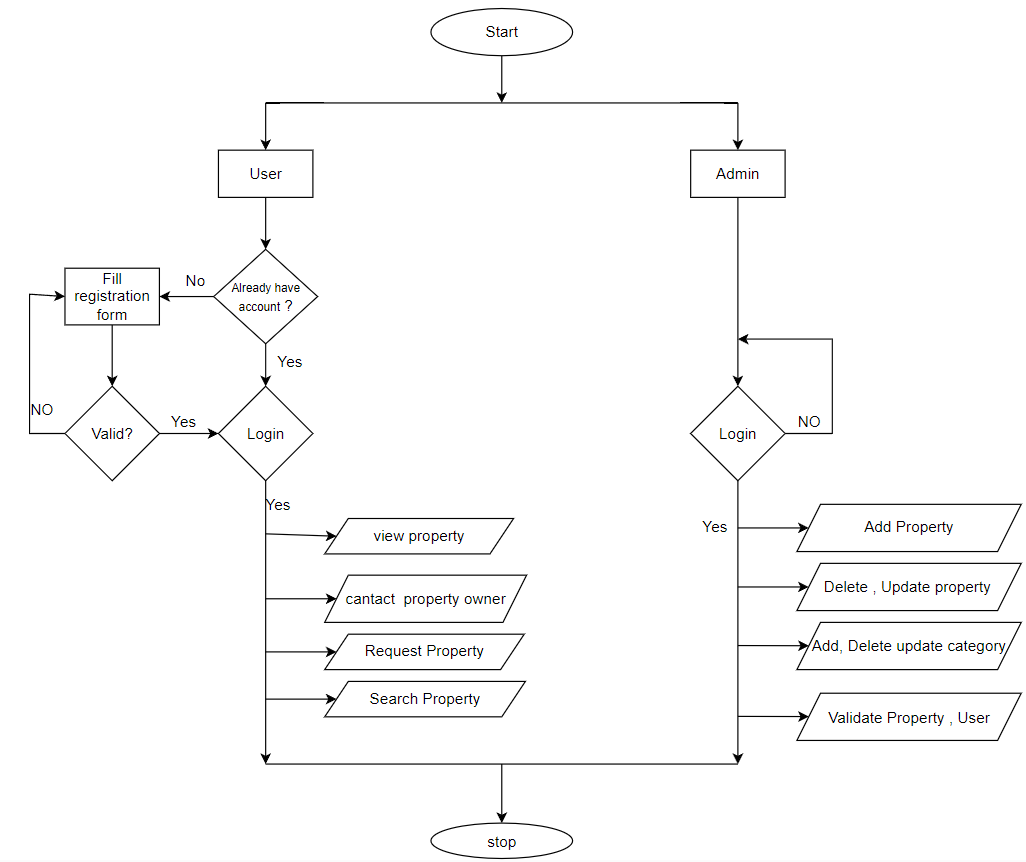
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Figure 4 : System Flow Chart

## 5.7 Context Diagram (Level 0)

The context diagram of the proposed system is given below

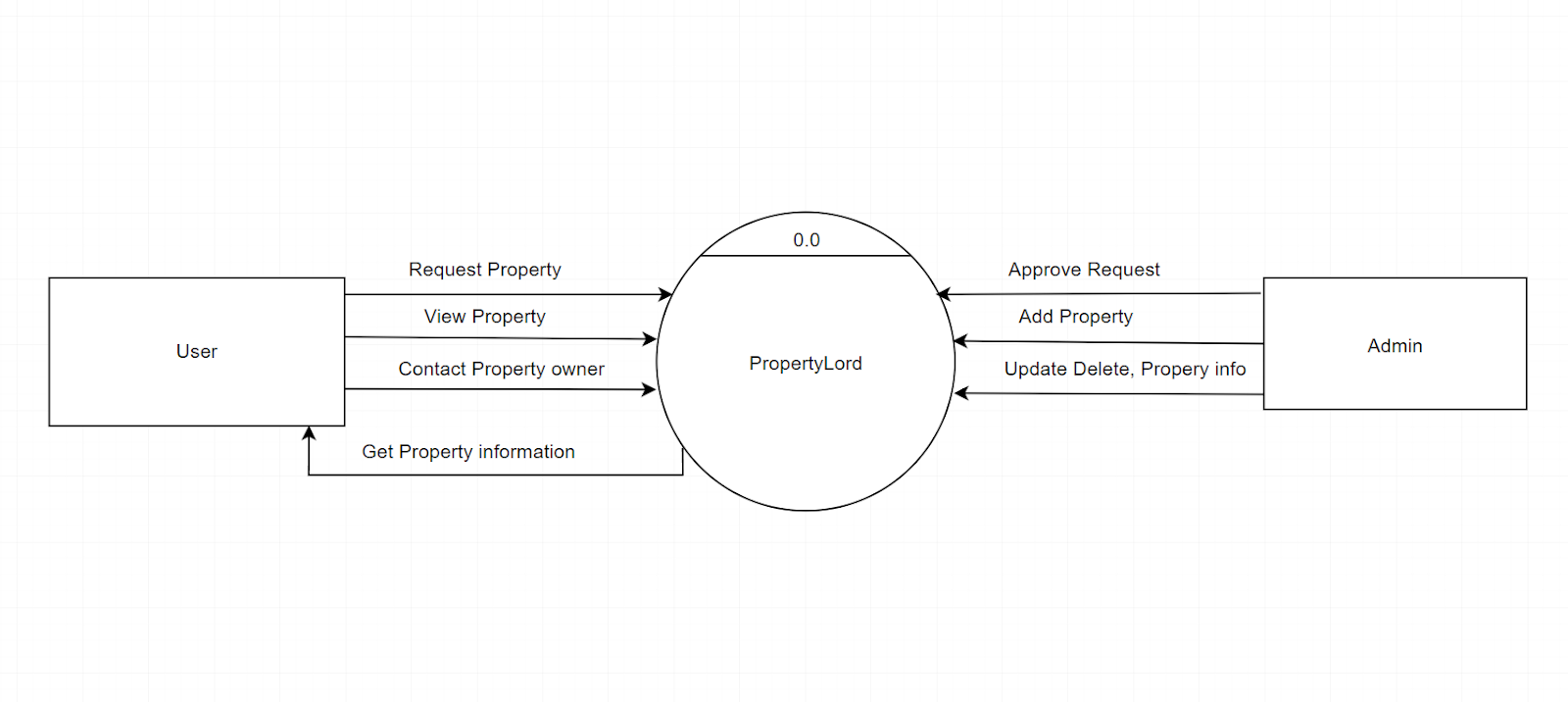
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Figure : Context Diagram

# 6. Conclusion

Clearly , the PropertyLord project will provide numerous advantages to both client and the property owners. To sell and give for renting rooms, houses, lands to the clients who are willing makes easy.

The property owners can list out their houses, lands for the sell and the user who are willing to buy properties can easily make deals directly with the property owner.