Real Estate Management System

BY

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This report has been submitted in partial fulfillment of the requirements for a
Bachelor of Science in Software Engineering degree.

Supervised by

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DAFFODIL INTERNATIONAL UNIVERSITY
DHAKA, BANGLADESH

5th June 2021

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APPROVAL

This project, titled "Real Estate Management System," submitted by KM Abu Saim (171-35-195), Rahul Roy (171-35-204) of Daffodil International University's Department of Software Engineering, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Software Engineering and has been approved in terms of style and content.

DECLARATION

We therefore declare that during the year 2021, we developed this project work titled "Real Estate Management System" under the supervision of Mr. Nayeem Hasan, Lecturer (Senior Scale), Department of SWE Daffodil International University. We further declare that no component of this project, or any component of it, has been submitted for any prize or degree anywhere.
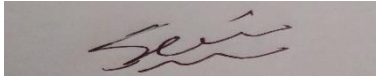
Supervised by:

Name: Mr. Nayeem Hasan
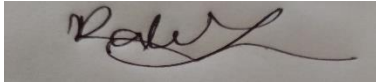Designation: Lecturer (Senior Scale)
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We want to express our heartfelt gratitude to our instructor, Nayeem Hasan. Any project's success is determined by the support and directions provided. We would want to express our gratitude to Nayeem Hasan. We can't thank him enough for his unwavering support and assistance. When we attend his meetings, we are always stimulated and encouraged. Weappreciate his unwavering support and assistance.

ABSTRACT

Our project, "Real Estate Management System," is an estate management internet tool. Our technology is a cutting-edge answer to the issue of user estate. The user displays all of the buyer's safe and verified properties. Users can create an account in our system, then purchase and verify properties. It is hoped that it would be beneficial to everyone.

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CHAPTER ONE

INTRODUCTION

1.1 Overview

This project is a Real Estate Management System that allows users to access and manage all of their properties.
The administrator can make changes to the property, as well as sell, purchase, and cancel it. Users who create flats, hotels, residential homes, and commercial buildings will find the system quite beneficial. We saw that many real estate businesses buy and sell their properties online, which inspired us to create this software. Here, both the seller and the buyer may keep their property's worth. Through our application, customers may communicate directly with building contractors.

1.2 Motivation

Bangladesh is one of the world's most densely populated countries, having a population of over one billion people. Bangladeshis have already given up roughly a quarter of their land, and we need more but don't have it, so how can we fix this problem?

We will be able to fix the land problem if we build more buildings. We also require a typical Real Estate Development Plan.

Standard real estate property will be provided by our app. Customers may use this site to look for real estate properties that fit their budget.

1.3 Objective

➢ To create web based online Real Estate Management System.
➢ Customer can contact with real estate agent through our application.
➢ Customer can buy & sell their desire property.
➢ Customer can directly contact with Constructor, for develop their property.
➢ Hopefully it will be contributed well to our real estate side.

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CHAPTER TWO

BACKGROUND STUDY

2.1 Introduction

The planning of the project begins with a background analysis. We'll outline the strategy we used during development in this section. The gathering of user expectations is the initial phase in our planning process. Then there's the analysis of user needs and satisfaction statistics, and then there's the deployment.

2.2 Related Works

We initially settled on a strategy for how our endeavor would begin. We decided to create a property management system. Then we went to a number of websites and spotted a lot of opportunities in the real estate market, which we confirmed, and then we started working on a real estate management system.

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CHAPTER THREE

REQUIREMENT SPECFICATION

3.1 Business Process Modeling

The Asia-Pacific BPM in real estate market is expected to witness substantial growth and is projected to grow at the highest CAGR during the forecast period. This is due to the increasing demand for BPM solutions and services in real estate in the region. Industrialization and urbanization are the major factors fueling the growth of the real estate sector in the Asia-Pacific region, which, in turn, is fueling the growth of the BPM in real estate market in the region. The real estate sector of the region is increasingly deploying BPM solutions to streamline various business processes and enhance their efficiency.

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3.2 Block Diagram Of Our Project

Block Diagram of our system on the following figure:
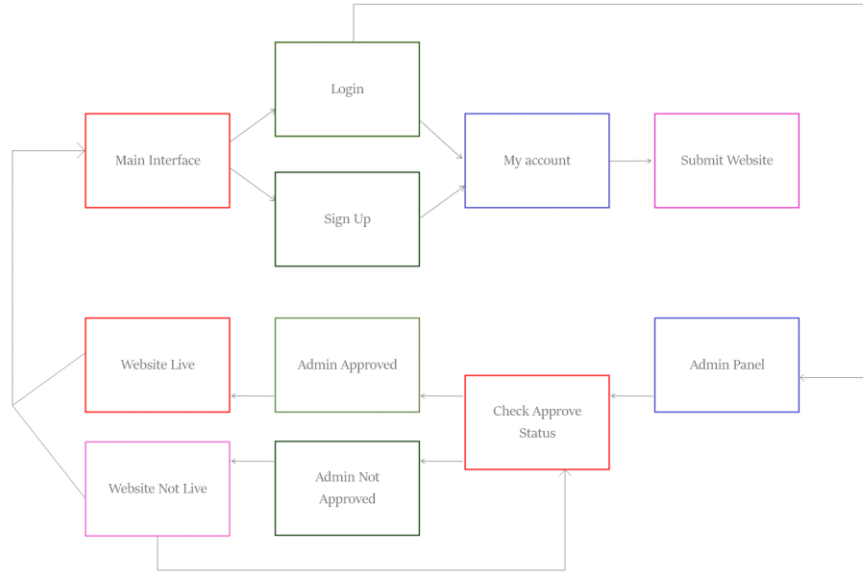
Fig: block diagram real estate management system

Use Case Model & Description

3.4 Use Case Diagram

The use case diagram depicts how the user interacts with the system and the specific sequence of activities that occur.
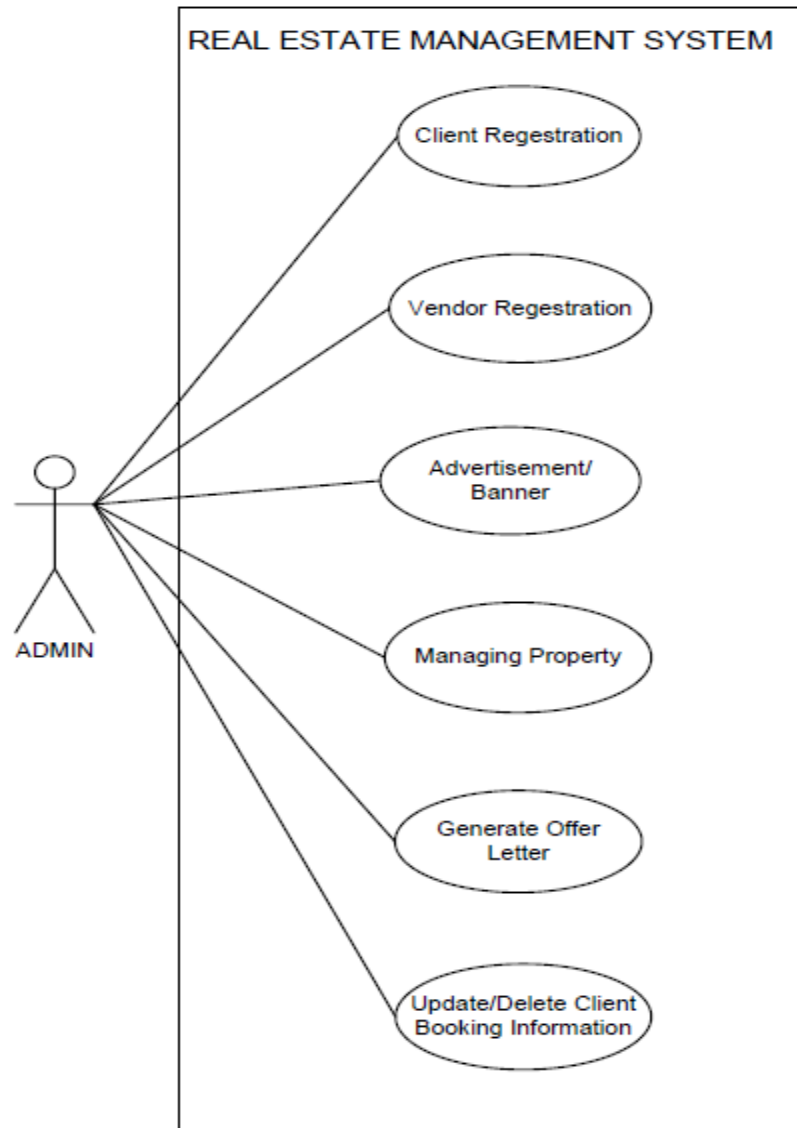
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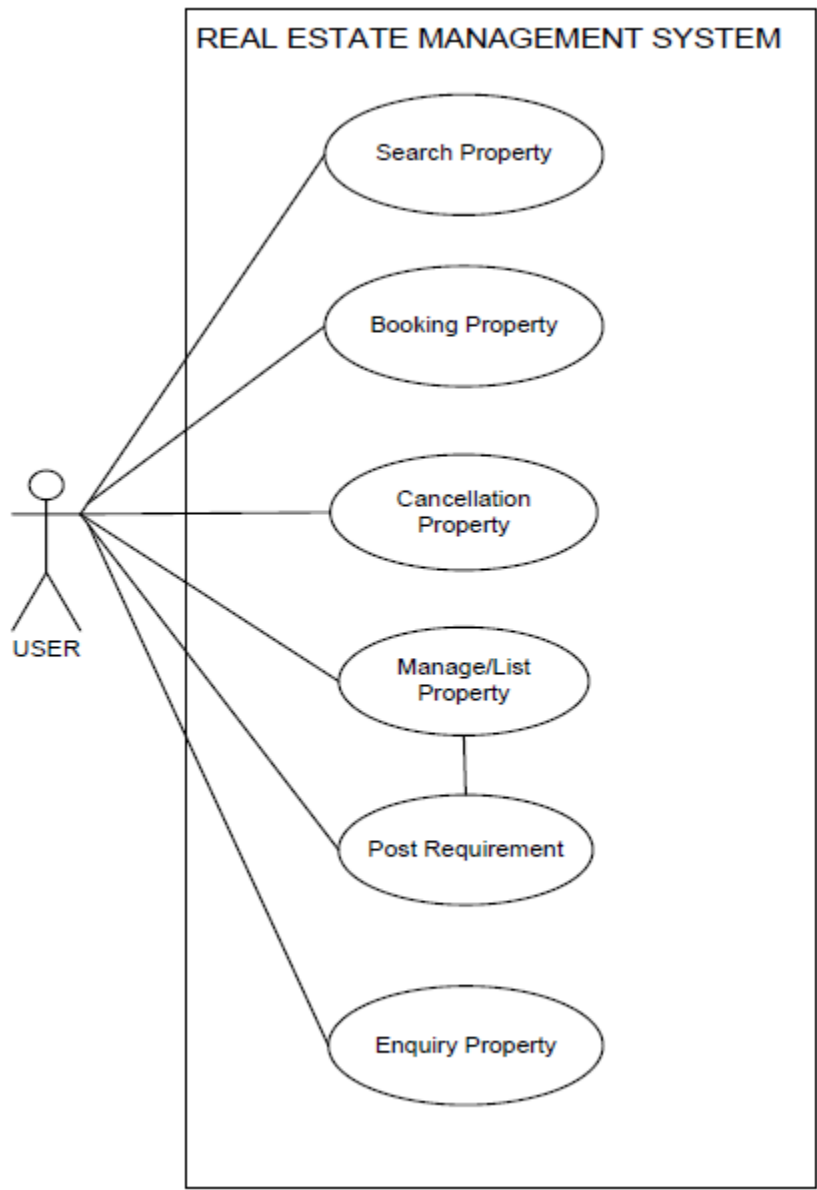### 3.5 Use Case Diagram of Our Project

Fig: Use case diagram for admin

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Fig: Use case diagram for user

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3.6 Use Case Description

| Use Case Name:	System login	
Scenario:	Customer have to login for perform a task	
Triggering Event:	When customer want to do a task	
Brief Description:	A customer needs to log-in into the system before performing any task.	
Actors:	Customer	
Related Use Case:	none	
Stakeholders:	System management	
Preconditions:	A registered user	
Post conditions:	Successful login	
Flow Of Events:	Actor	System
	1. The customer click the sign-in button 2. The customer enters their user ID and password.	1.1. The system displays the sign-in Page 3.1. The system validate the sign-in information against the account table in the database.
Exception Conditions:	1.if customer cannot login , then the customer cannot perform any task.	

3.7 Activity diagram
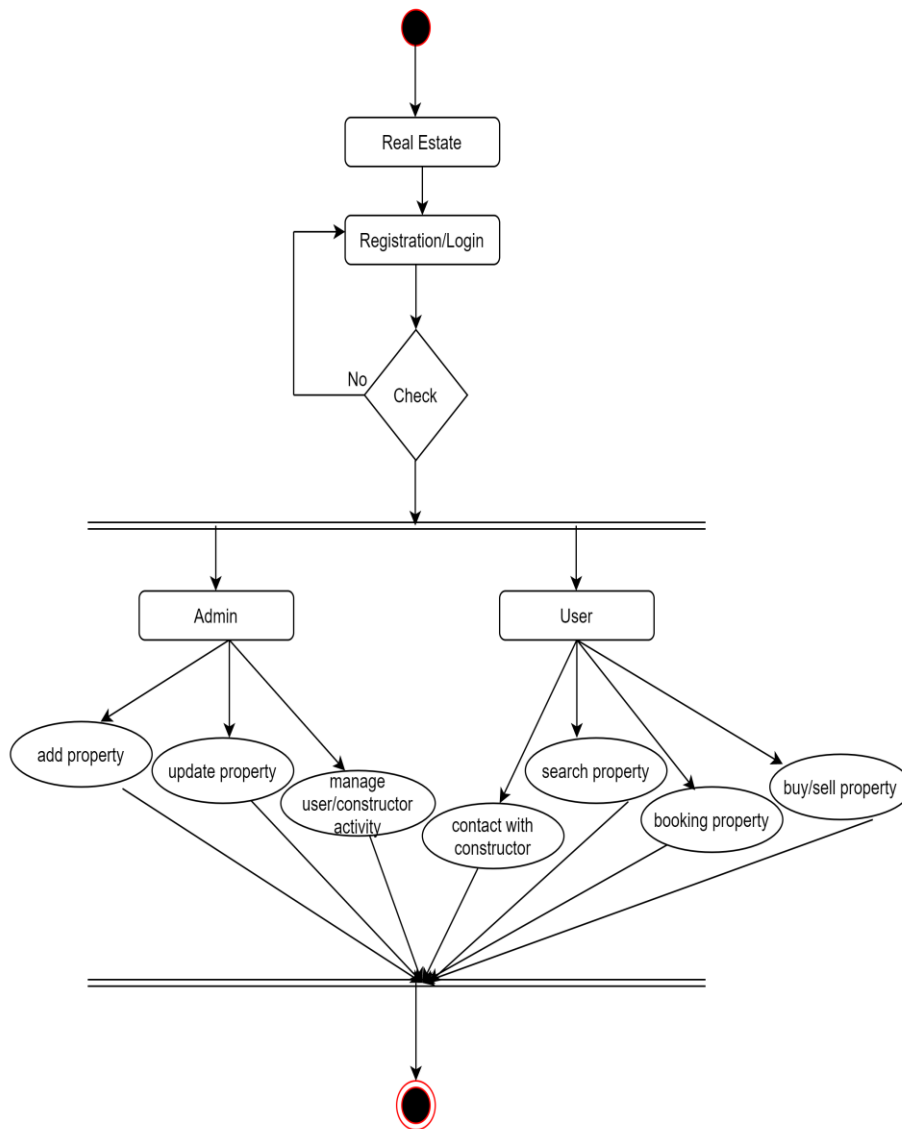
Fig: activity diagram

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3.8 Class Diagram

Fig: class diagram

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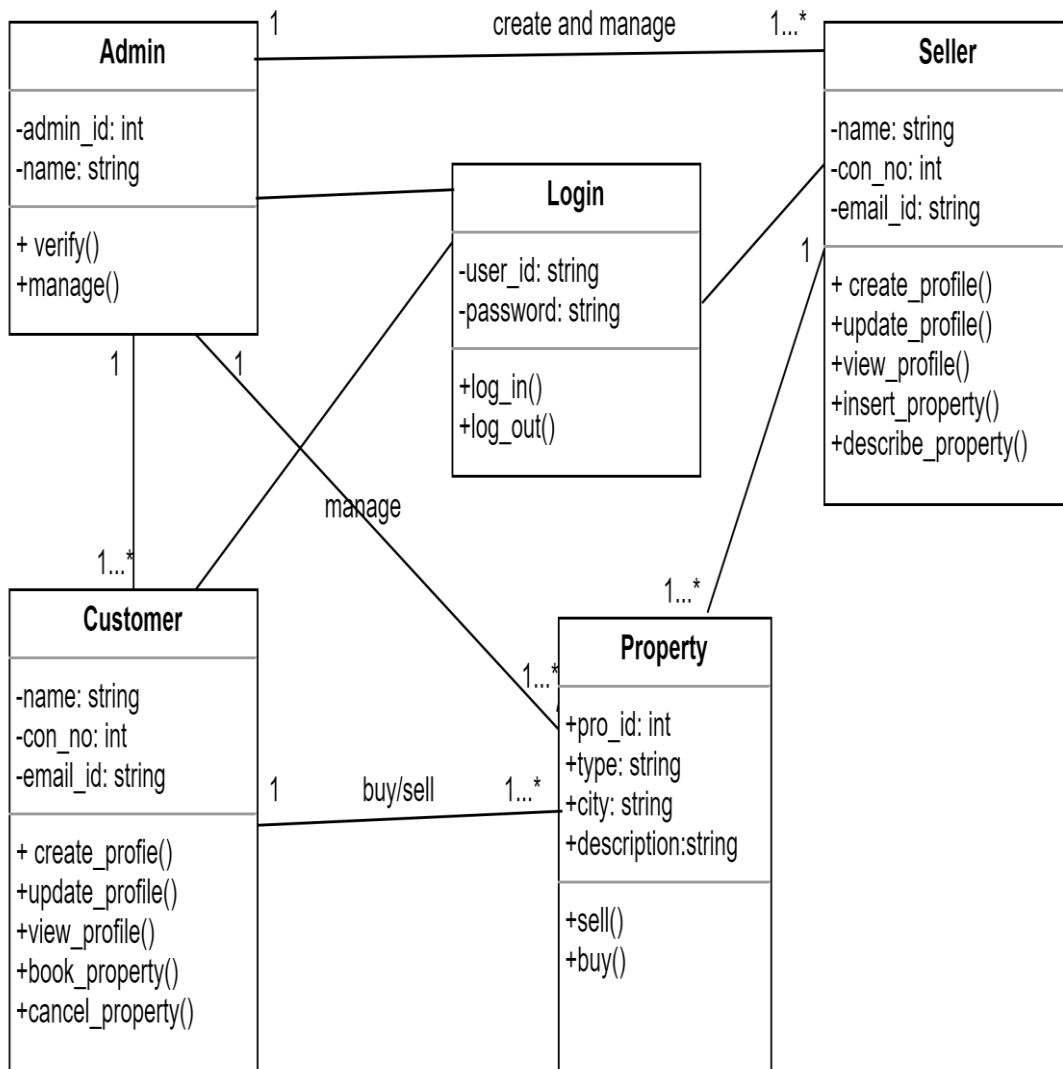
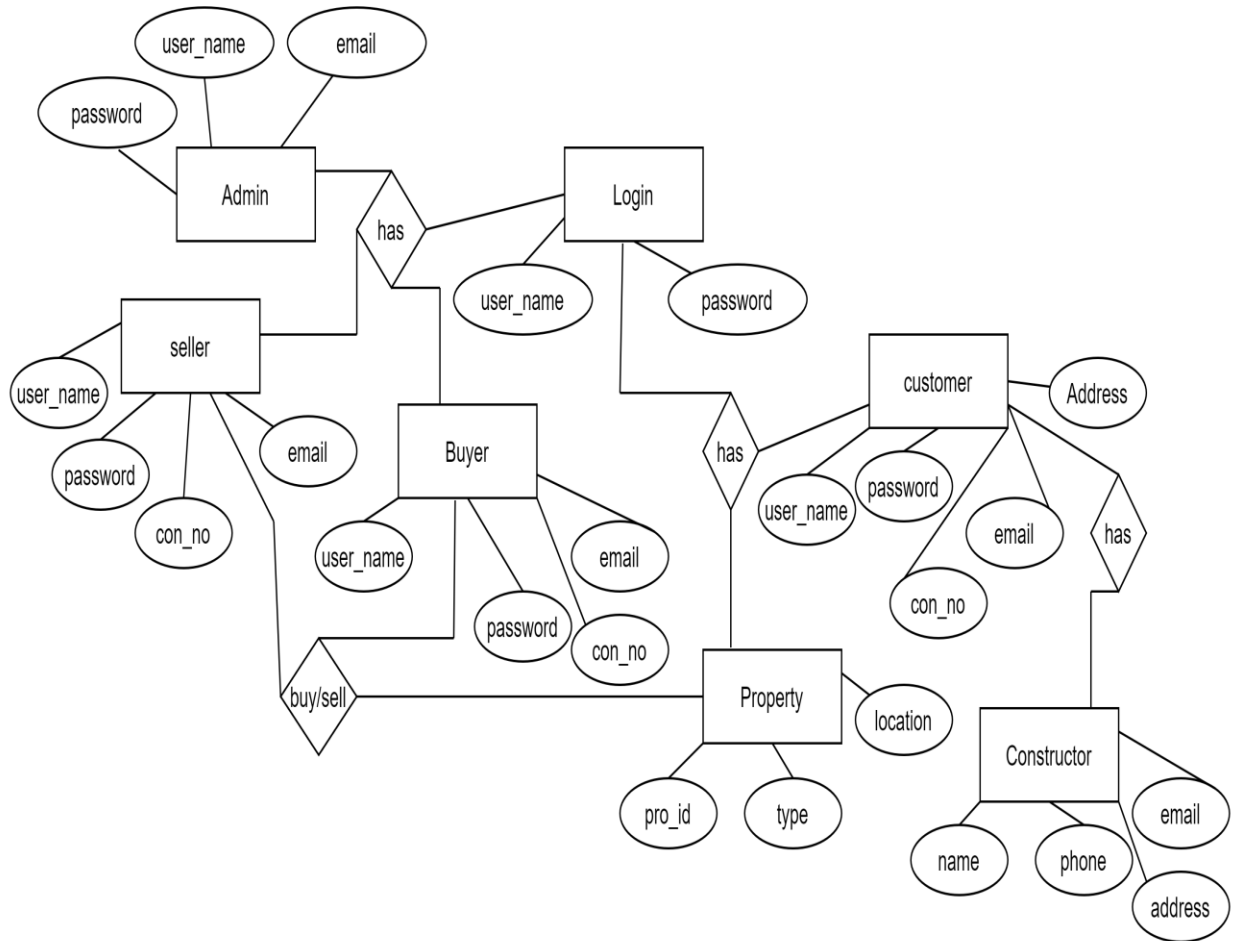## 3.9 E-R Diagram

Fig: E-R diagram

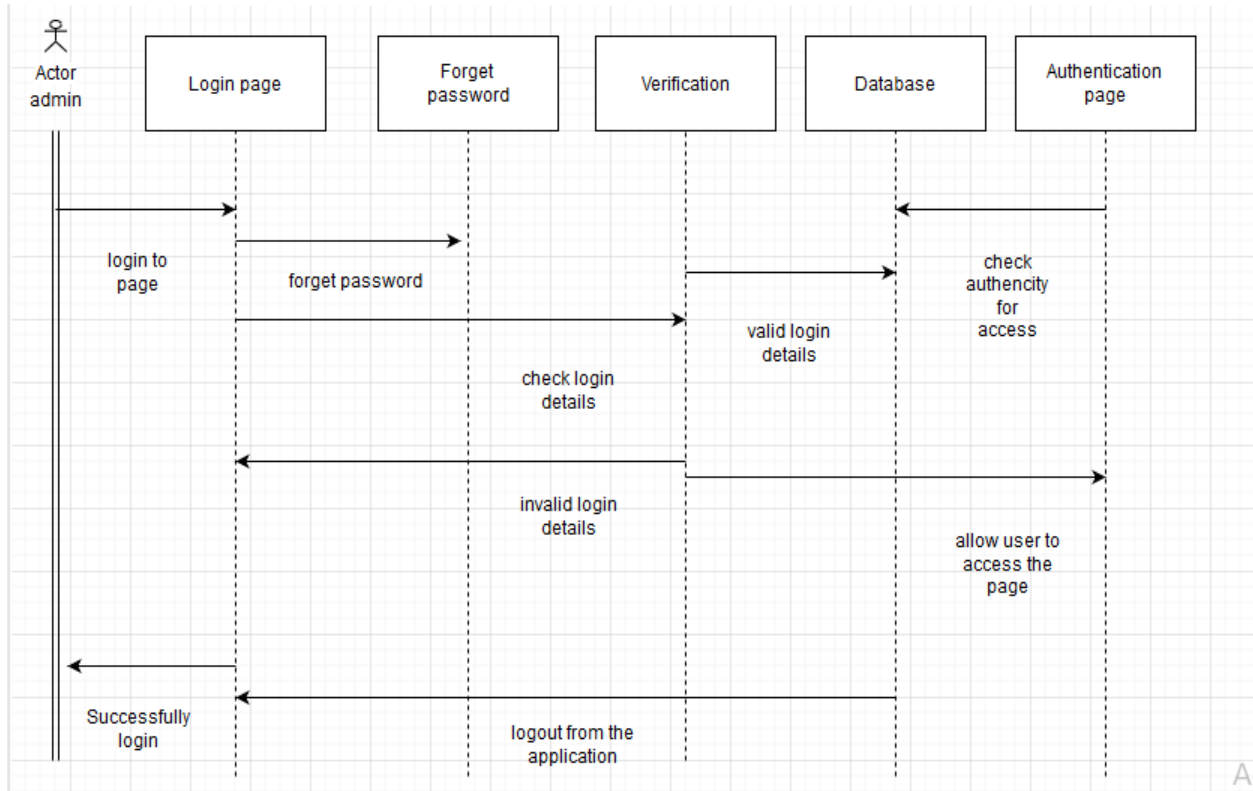Saturday, June 5, 2021

3.10 Sequence Diagram

Fig: sequence diagram

CHAPTER FOUR

DESIGN SPECIFICATION

4.5 UI of Our Project
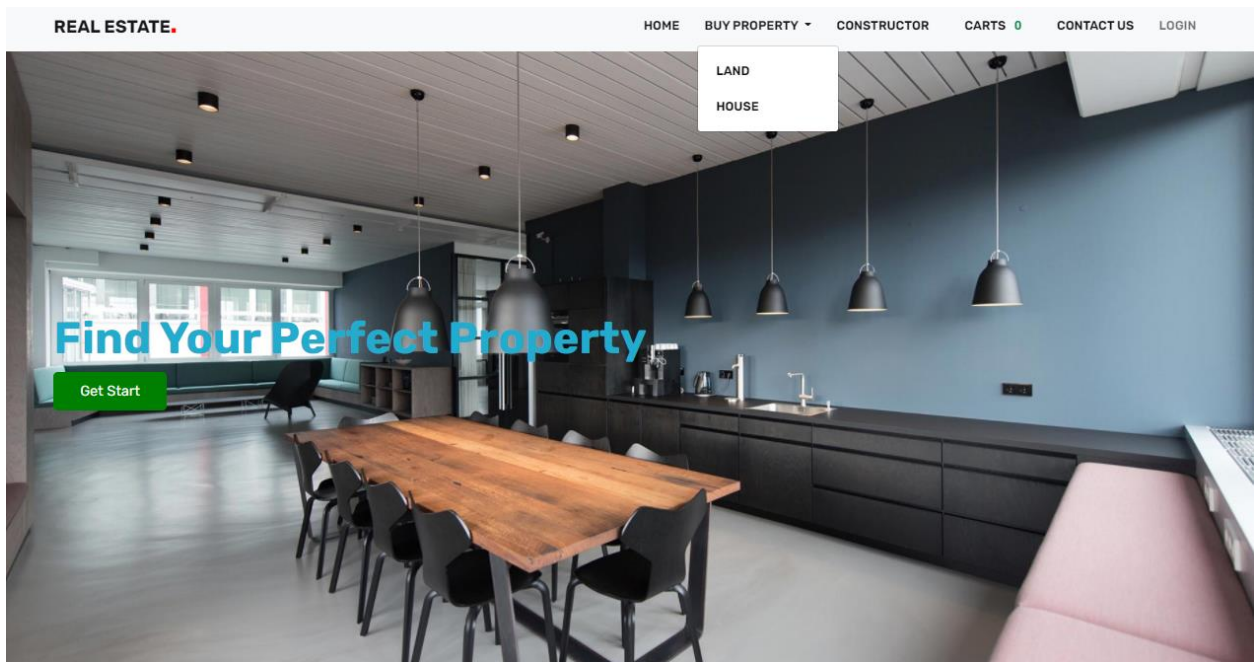
Fig: home page
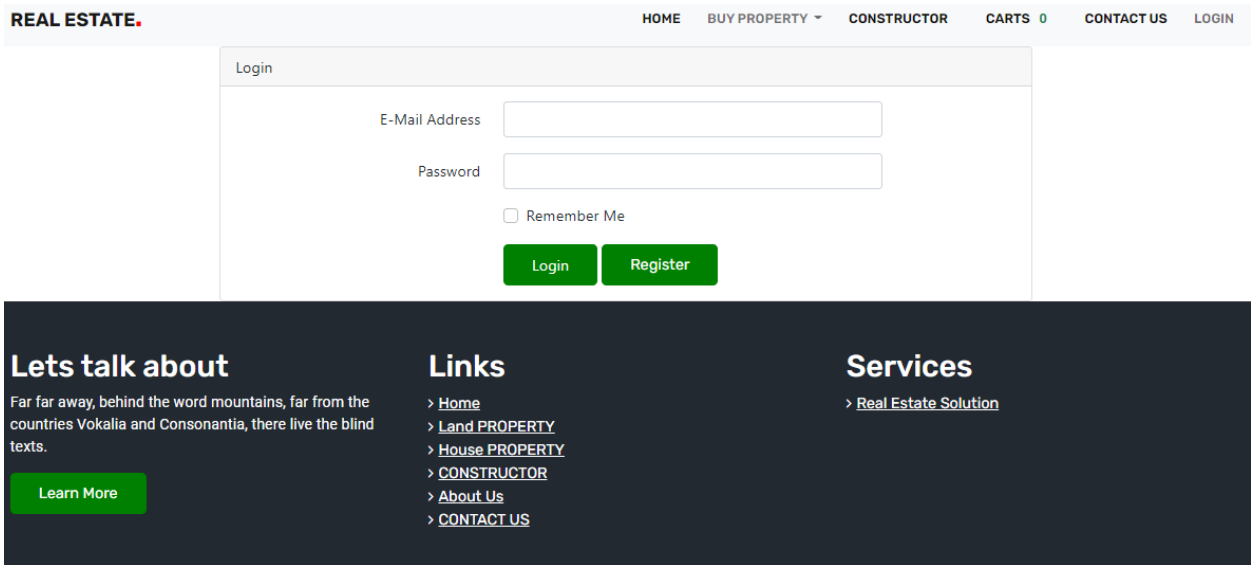
Fig: login page

Fig: register page

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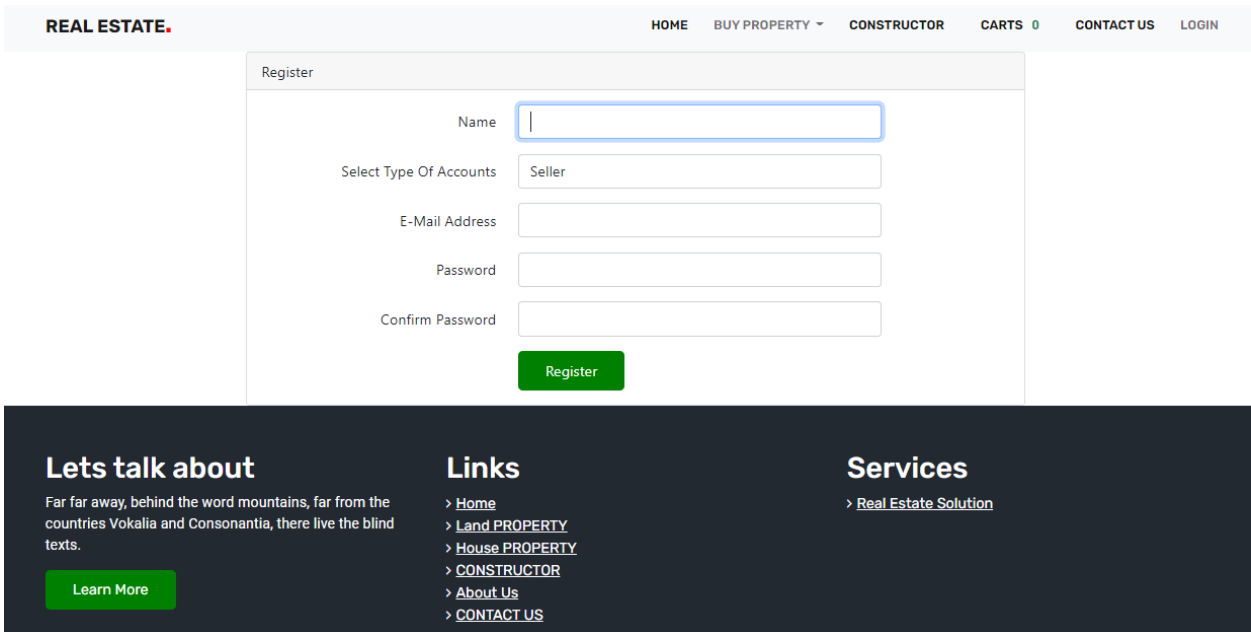
Properties

Dhakeshwari Road, Lalbagh, Dhaka
Bangladesh
Taka 4700000

Details Contact Buy

Sher-E-Bangla Road, Hazaribag, Dhaka
Bangladesh
Taka 30000000

Details Contact Buy

Block H, Bashundhara R-A, Dhaka
Bangladesh
Taka 25000000

Details Contact Buy

Road No 14A, Dhanmondi, Dhaka
Bangladesh
Taka 75000000

Details Contact Buy

Block E, Bashundhara R-A, Dhaka
Bangladesh
Taka 56000000

Details Contact Buy

Central Road, Dhanmondi, Dhaka
Bangladesh
Taka 25645000

Details Contact Buy

Fig: properties

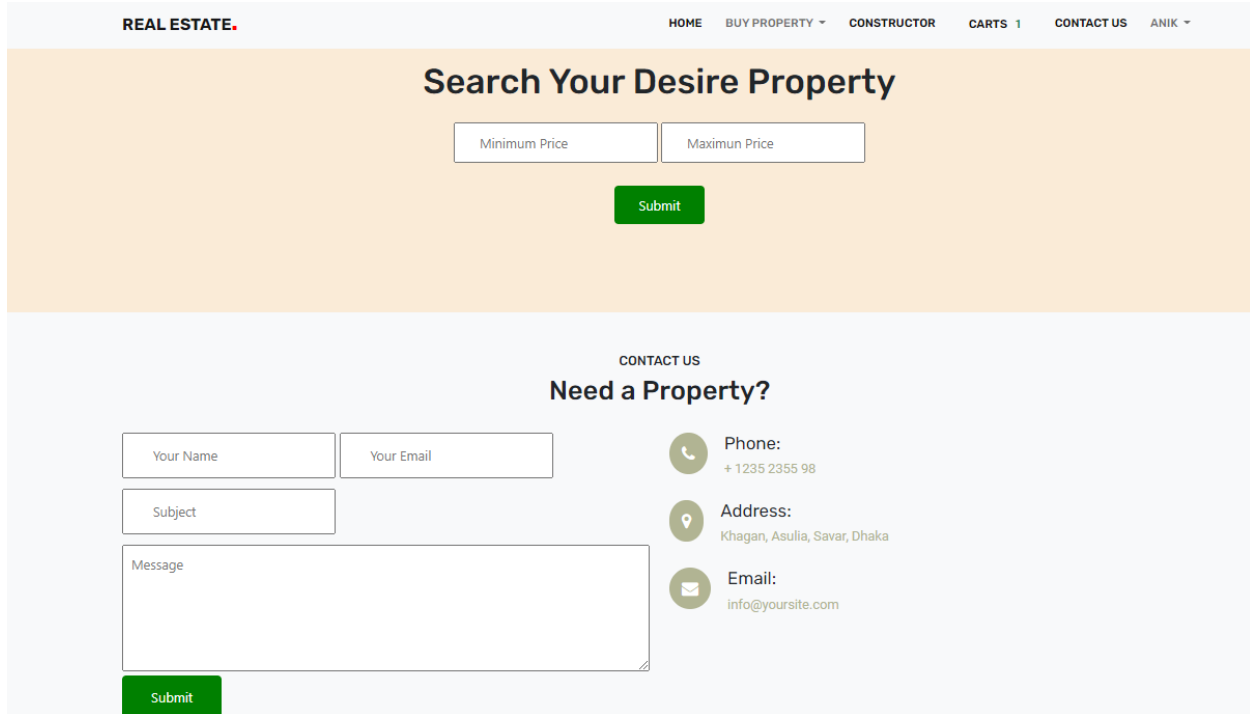Fig: search property & contact us

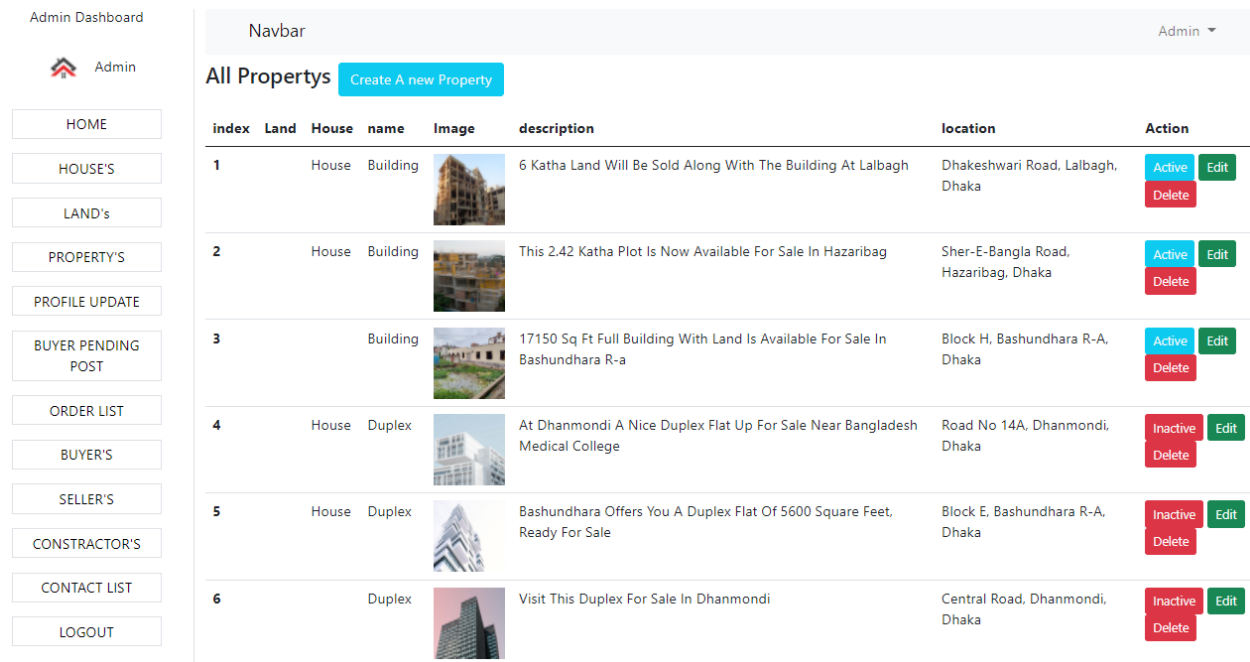Fig: admin dashboard

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Fig: add property

Fig: admin dashboard

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Fig: sell property

4.6 Summary

For making a real estate management system always need some tools and a system. Many kinds of tools is used like: VS code, Adobe Photoshop, Adobe Illustrator But need to choose a specific framework for making a Search Engine. Here we chose some tools below:

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CHAPTER FIVE

IMPLEMANTATION AND TESTING

5.1 Introduction

For create a estate management system. Always necessary some tools and a system. Many kinds of tools or engine is used like: VS, Notepad Plus, Bracket, Adobe Photoshop, Adobe Illustrator But need to choose a specific framework for create a estate management system.

5.3 Testing Implementation

We can use this out project anywhere in the world and surely any device it's flexible.

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CHAPTER SIX

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CONCLUSION

6.1 The Obstacles and Achievements

A project means a lot of experience. We are summarize the experience gained by project team during development. We will discuss about challenges faced by the team during this project.

6.2 Limitation:

Every Project have limitation. My project have also some limitations.

- i don't have enough database
- it's not in live

6.3 Future Work

Every Project necessary to update with more functionality. our project also need to update or future work for more facility.

6.4 Github Link

https://github.com/km-abu-saim/Final-year-project-Real-Estate-
Management-System-

REFERENCES

- ❑ https://www.google.com/
- ❑ https://stackoverflow.com/
- ❑ https://www.lawyersnjurists.com/
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