An Online Web Solution for Real Estate Management

Submitted by:

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A project submitted in partial fulfillment of the requirement
for the degree of Masters of Science in Software
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APPROVAL

This project titled on "An online web solution for Real Estate management", submitted by MD. ABU BAKAR SIDDIQUEE, ID: 201-44-202 to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Masters of Science in Software Engineering and approval as to its style and contents.

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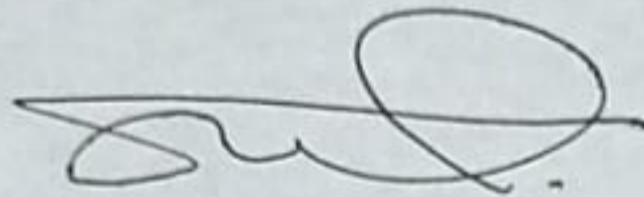
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Declaration

It hereby declares that this thesis has been done by me under the supervision of **Md. Khaled Sohel**, Assistant Professor Department of Software Engineering, Daffodil International University. It also declares that neither this thesis nor any part of this has been submitted elsewhere for award of any degree.

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ACKNOLEDGEMENT

For this project, I conducted trials. Whatever the case, it would not have been possible without the kind assistance of several individuals. Due to each of them, I could desire to extend my humorless. I am really grateful to Daffodil International University for their guidance and constant oversight by **Md. Khaled Sohel** as well as for providing the knowledge I needed for the trip and their assistance in completing the assignment. I would like to convey my gratitude to our parents, our fellow classmates, and the members of DIU for their kind assistance and comfort that enabled us to complete this assignment. I would want to express my sincere gratitude to all the diligent individuals who gave me the same amount of thought and attention. My gratitude and appreciation also extend to my partner in setting up the trip and the individuals who resolutely saved us with their skills..

Executive Summery

Numerous small companies in the healthcare, real estate, home services, and other sectors have to have websites. Nearly half of small firms, according to Eric Rosenbaum, CNBC.com editor, do not have a website. Furthermore, barely one-third of small firms utilize their website to interact with customers. In this essay, I'll focus on real estate diligence and the main justifications for why real estate agents need a certain real estate website.

Table of Content

Chapter 1:

Introduction

1.1.   Project Overview

Having a website and an online presence may be advantageous for any small company. This applies to real estate assiduity just as much. Real estate agents gain from having a website by building brand awareness, generating high-quality leads, establishing trust, assisting consumers throughout the buying or selling process, and having complete information control. Making a website is a modest thing to pay for inviting subliminal visitors, providing for one's basic needs, and ultimately promoting one's company. Because of this, every real estate agent and broker needs a website. I've developed the point from a theoretical standpoint.

1.2.   Project Purpose

Real estate website development should now be seen as a way of encouraging potential guests to express their purchasing opinions because the Web has evolved into a place where people go in search of not only useful or amusing information but also goods and services that have true value only in the offline world..

1.2.1 Background: Our background will be on web operation. Which will handle our all task. And other redundant task will be done by mortal resource.

1.2.2 Benefits: Benefit will be got plutocrat. And consumers' time will be saved and they can fluently suitable to get property information with own hand.

1.2.3 Goal: Our goal is to deliver real estate facility to users who wanted to buy or take rent assets.

1.3.   Stakeholders

There are three types of stakeholders in this system:

1) Project Development team.

2) System Maintainers.

3) Users.

1.4.   Proposed System Model

Proposed system means explaining what inventors are going to do this design. What's the design about and what's new in the design other than being effects? And how they're going to do this. In short proposed system is explaining the design [1].

1.4.1. Waterfall-Model

Our proposed system model is waterfall model because our requirements are fixed.

1.4.2 How we used waterfall

1. Construct a strategy based on actual problems.

2. For the stoner's competitive edge, gathered and evolving stoner circumstances are encouraged. Face-to-face communication is the hippest method of sharing information inside and across platoons.

3. Focus on consistently producing functional software.

4. Systems must be based on motivated individuals. Give them the necessary assistance and the right terrain.

5. Well-organized brigades often create the fashionable designs. Dexterity will be improved through constant attention to technical excellence and smart design.

6. Simplicity is regarded as the basic skill of optimizing the effort that isn't done.

7. The platoon will adjust their geste in accordance with how to become more successful, and they will do so at regular intervals.

8. The work force was always being watched and tested the system.

Waterfall
approach

1. Analysis
2. Design
3. Implementation
4. Testing
5. Deployment
6. Release & Maintenance

DeVINITI

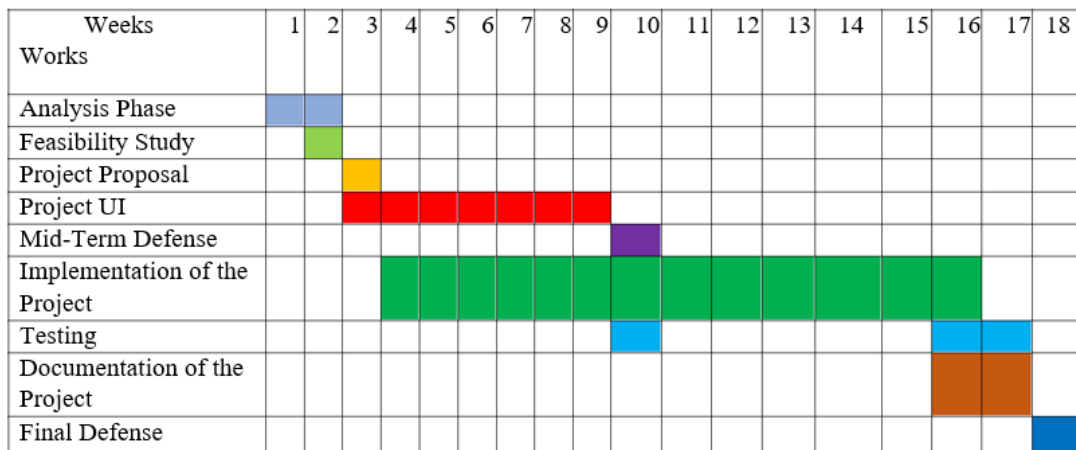**Figure 1:** Proposed System Model

1.5. Project Schedule

In design operation, a schedule is a table of design's mileposts, conditioning, and deliverables, generally with intended launch and finish dates. A schedule is generally used in the design planning and design portfolio operation corridor of design operation.

1.5.1. Gantt Chart

A Gantt chart is made up of many flat lines that illustrate how much work or construction was completed over time in accordance to the amount anticipated for each period [2]. Gantt charts are often used to manage project timetables and are quite helpful for managing projects. Simply said, they show you what needs to be done and when it needs to be done, and they alert you of those things. Additional information about the different tasks or portions of a project may be shown to you using Gantt charts, such as how far along each task is, how one set of activities may depend on another, how crucial certain tasks are, and how resources are being used.

One of the major benefits of Gantt charts is how obvious they are. A chart will include a time scale at the top and a list of the tasks that must be completed for a project on the left side. The most important aspect is that each task is represented by a bar, the length of which indicates the amount of time it took to

complete. Each bar simultaneously reflects the name of the required activity as well as any relevant details that will facilitate its fulfillment.

Weeks / Works	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Analysis Phase	▓	▓																
Feasibility Study		▓																
Project Proposal			▓															
Project UI			▓	▓	▓	▓	▓	▓										
Mid-Term Defense									▓									
Implementation of the Project				▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓		
Testing										▓						▓	▓	
Documentation of the Project																▓	▓	
Final Defense																		▓

Figure 2: Gantt chart of us

1.5.2. WBS Planning for Development Phase

1. Project plan [01 Aug 2021 to 14 Aug 2021]

2. Analysis [01Aug 2021 to 14 Aug 2021]

3. Requirement gathering [06 Aug 2021 to 15 Aug 2021]
   - Free-associating
   - Consultation
   - Scrutiny
   - Implementation Exploration

4. Design [15 Aug 2021 to 10 Oct 2021]
   - System design
   - Database design and Implementation
   - System User Interface (UI)

5. Development [20 Aug 2021 to 20 Nov 2021]

- User Module

- Other

6. Testing [20 Nov 2021 to 25 Nov 2021 (including two phase)]

- Test plan

- Test Case

- Test Execution

7. Release Plan

Release	Version	Date
1st Release	Beta version 1.0.0	15/10/2021
2nd Release	Beta version 2.0.0	30/10/2021
3rd Release	Version 3.0.0	20/11/2021
4th Release	Version 4.0.0	14/12/2021

1.6 Related Work

Have a lot of web app in the world which provides real estate services. But they're slight usability problems. In BD have a veritably certain app which is provides this service which is made. But in there have some problems. So, in our app will have fixed all of problems and will be more stoner-friendly than being operation.

1.7 Problem Statements

1. There has no much information about properties.

2. There has some bug.

3. Have no helping system.

1.8 Proposed Solution

We saw that problems of existing system. So, we will fix all and develop that

1. User friendly UI design.

2. Help center.

3. Authentic Info with agent details.

Chapter 2:

Software Requirements Specification

2.1. Requirement Specification

A software conditions specification (SRS) is a detailed explanation of the intended use and environment for software that is currently being developed. The SRS fully explains what the program will do and how it is expected to function [3].

Demand prioritizing is used in software product operations to decide which software function module seeking conditions are high, medium, and low and should be included in a given release. To reduce risk throughout development, conditions are also prioritized so that the most crucial or dangerous ones are implemented first.

2.2. Functional Requirement for user

1. Browse Site: Users can able to browse all of sites.

2. Input: Admin are able to play CRUD about properties and agents.

2.3. Non-Functional Requirement

1. Efficiency and scalability, to start. What's the system's turnaround time for results? How much will the advanced workloads affect this performance?

2. Convenience and portability. Which devices, operating systems, and web browsers does the program operate on, and what are their capabilities? Does it interfere with other activities taking place in this environment?

3. Trustworthiness, sustainability, and vacuity. How often do the system's catastrophic failures occur? How much time does it take to resolve the problem when it occurs? How does "stoner vacuity time" differ from "time-out"?

4. Security. How well-protected against threats are the system and its data?

5. Localization. Does the system work with the original specifications?

6. Usability. How simple is the system to use for a client?

Chapter 3:

System Analysis

3.1. Use Case

A process for identifying, outlining, and organizing system circumstances is called a use case in system analysis. The word "system" in this context refers to a product that is being built or run, much as a website for correspondence-order goods transactions and services. UML (Unified Modeling Language), a standard document for the modeling of real-world systems and objects uses use case plates [4]. The use case diagram is a kind of UML diagram where each use-case details the behavior required of software from the viewpoint of the end-user and relationship, as well as offering a quick summary for of components involving interaction between use-cases, actors, and systems. The functional requirements for the system are created, described, and understood using the Utilization Diagram. The particular context of the product being produced is

described in the Use-Case Structure. The order in which tasks must be completed is not specified. Each use-case demonstrates a system operation that is either manually operated or procedure.

Use Case Diagram:
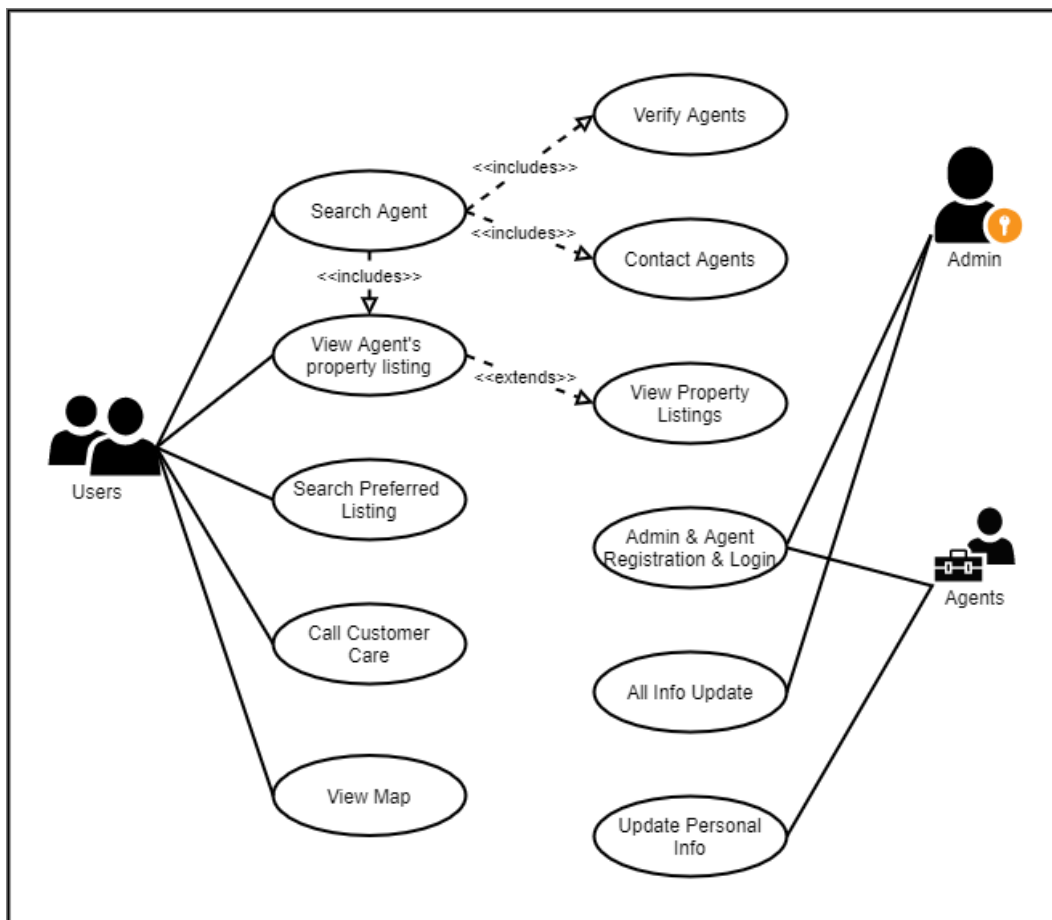
Figure 3: Use Case Diagram

First, users can browse the site if they wish. And they can talk to the customer care and discuss all the issues. Users can find out all the information about how many properties there are. Besides, users can see all the information of the agent. On the other hand, in the case of admin, the admin can update with all kinds of information but he must be enrolled on the site through login and

registration. And in the same panel agents can log in to their panel through login and registration and share and update their information.

3.2. Use Case Description:

Use Case	Browse Site
Goal	User can able to buy or sell or rent properties using browsing our site
Preconditions	customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors: Secondary Actors:	User Advertising Company.
Trigger	N/A
Description	1. Customer can browse site
Alternative Flows	N/A

Scenario: Here user can browse our site.

Use Case	Search Agent
Goal	User can able to do search valid agent
Preconditions	customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors: Secondary Actors:	User Advertising Company.
Trigger	N/A
Description	1. Customer can visit the details about agent and their properties.
Alternative Flows	N/A

Use Case	**Contact Agent**
Goal	User can able to contact with agent
Preconditions	customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can contact with agent and their properties.
Alternative Flows	N/A

Use Case	View Agent's Properties Listing
Goal	User can able to view the properties of agent
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can see specific agents properties.
Alternative Flows	N/A

Use Case	View Properties Listing
Goal	User can able to view the properties
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can see all properties.
Alternative Flows	N/A

Use Case	**View Properties Listing**
Goal	User can able to view the properties
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can see all properties.
Alternative Flows	N/A

Use Case	Search Preferred Listing
Goal	User can able to view the properties based on search
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can see all properties based on search
Alternative Flows	N/A

Use Case	Call Customer Care
Goal	User can able to call the customer care
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Customer can call the customer care to get help or others.
Alternative Flows	N/A

Use Case	Agent Registration
Goal	Admin can able to register the agent.
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors: Secondary Actors:	User Advertising Company.
Trigger	N/A
Description	1. Admin or moderator can register the agent.
Alternative Flows	N/A

Use Case	**Agent Update**
Goal	Admin can able update about agent details
Preconditions	Customer have no any precondition
Success post Condition	Company can get money using advertising in sites.
Failed Post Condition	Company has not got money.
Primary Actors:	User
Secondary Actors:	Advertising Company.
Trigger	N/A
Description	1. Admin can ably update about agent details 2. Admin can ably update the properties details of agent.
Alternative Flows	N/A

3.2. Activity Diagram:

Activity Diagrams are employed to demonstrate the system's control flow and to connect it to the steps used to carry out a use case. We depict sequential and parallel activities using activity diagrams. As a result, we simply depict processes visually using an activity diagram. The condition of flow and the sequence in which it takes place are the main concerns of an activity diagram. An activity diagram may be used to illustrate or describe what leads to a certain event. Sequence diagrams, activity diagram, and behavioral diagrams are the three types of diagrams that UML principally portrays. A behavioral diagram that depicts the behavior of a system is an activity diagram. An activity diagram shows the control flow from a beginning point to an ending point while emphasizing the many decision-making paths that are available throughout the execution of the activity. Both sequential and simultaneous processing of tasks may be shown using an activity diagram. They are frequently employed in business and workflow modeling to highlight a system's dynamic properties.

1. Examine business processes to identify suitable use cases.
2. Determine the pre- and post-conditions (the context) for use cases.
3. Workflows between/within use cases should be modelled.
4. Model complicated processes in object operations.
5. Detail complicated actions in a high-level activity Diagram

Here we have designed "swinlane" based activity diagram.

Consultant	Online Real Estate Agency System

Request to Post property on portal

[property does not exist] → Request Property Information

Enter Property Information

[property exists on the system]

Display Error Message

Submit → Validate Information

[invalid]

Display Error Message

[incorrect]

[valid]

Enter Search Criteria

[correct]

Select Property ← Display Assigned Properties

Post   Confirm

3.3 Sequence Diagram for users:

Commercial plates called UML Sequence plates describe how processes are carried out. They depict the exchange of goods amongst objects in a collaborative setting. Sequencing plates are time-focused and display the sequence of commerce graphically by employing the illustration's orthogonal axis to symbolize time and the dates on which various deliveries are exchanged [6]. In the field of software engineering, UML is a modeling language that seeks to standardize the depiction of a system's infrastructure. Diagrams of many types, including interface, structure, and behavior diagrams, are produced using UML. A sequence diagram is the most common kind of interaction diagram. Diagram of interaction: A diagram of interaction shows how a system interacts. We utilize a variety of entity relationship diagram to represent different characteristics and elements of interaction in a system since it may be challenging to visualize interactions in a system. Sequence diagrams essentially show object interactions in a chronological order, or the order in which these interactions take place. Event diagrams and event scenarios are other terms that may be used to describe sequence diagrams. Diagrams of the order in which events occur in a system are called sequence diagrams. These illustrations are often used by entrepreneurs and software engineers to explain and comprehend specifications for new and existing systems.
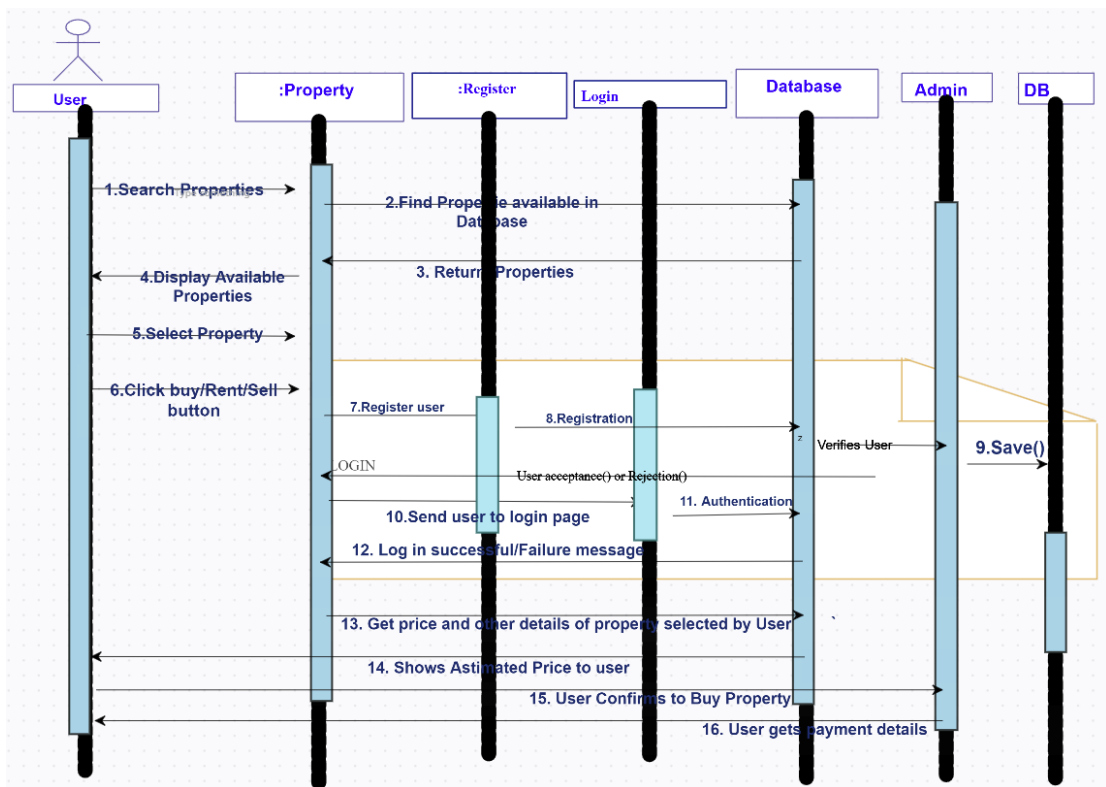
Figure 5: Sequence Diagram Users

3.4 Class Diagram for users:

The class diagram displays an application in a static state. It depicts the many categories of items in the system as well as their connections. Objects make up a class, which may also inherit from other classes. A proposed framework is used to construct executable custom software as well as to visualize, explain, and record different parts of a system.

In order to provide a general overview, it illustrates the characteristics, classes, operations, and connections of the software system. In order to facilitate program development, it compartmentalizes class names, traits, and duties. An

assortment of categories, connections, relationships, affiliations, and restrictions make up a structural diagram.
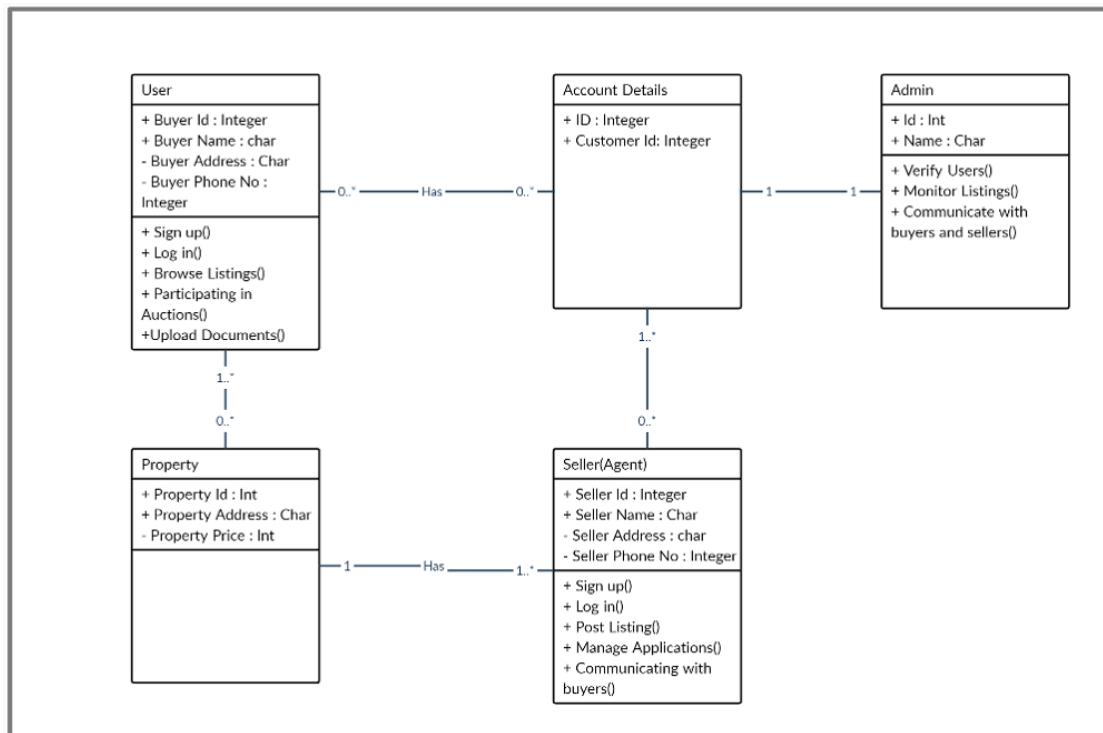
3.5 Database Diagram for users:

The building of the catalogue and links between database items are shown in database schematics in a realistic manner. A table, a schema, or a data source visualization may all be created. Consider utilizing primary and foreign keys to create relationships between database items.

The Database plays a significant role in our daily life. As we participate in a variety of activities that involve databases, such as at the bank, railway station,

school, grocery store, and other places. In these circumstances, we must be able to easily store a large amount of data in one place.

An organized collection of data, also known as structured data, is referred to as a database. It may be accessed or saved on a software system. A databases management system (DBMS), which is computer software was using to manage the data, could be employed to maintain it. A database is an orderly collection of related data.

Because it is categorized and organized into tables that have rows and columns, data in databases may be swiftly updated, expanded, and deleted. Data from files that record transfers of funds between bank accounts, sales and customer information, information about student fees, and information about products are often included in database management systems. There are many different types of databases, from the most used, the database system, through relational computing, public cloud services, and Unstructured databases..
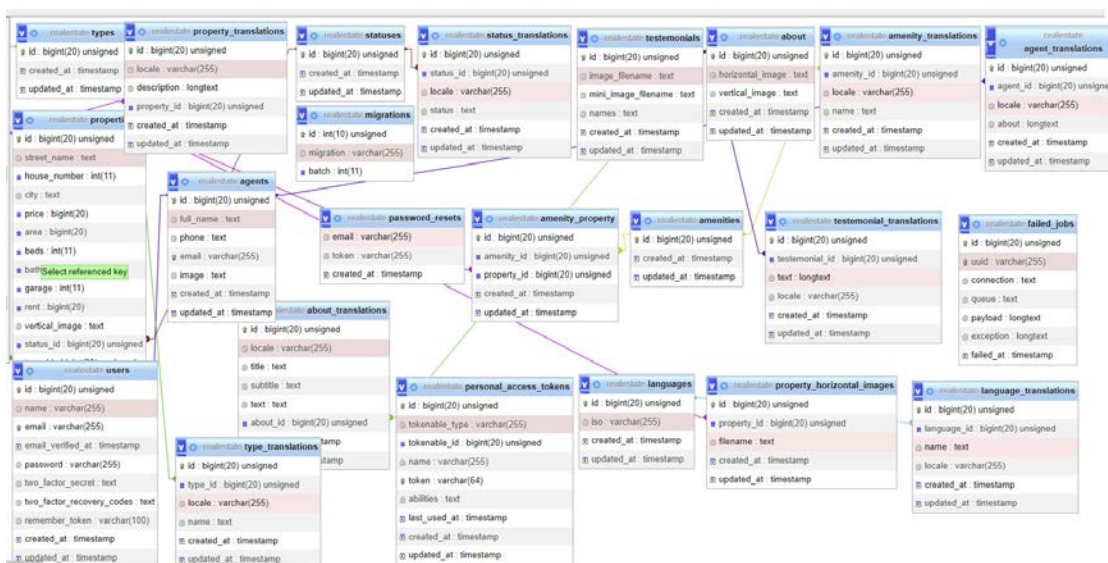
Chapter 4:

Development Tool & Technology

4.1 User Interface Technology

 I'm using these tools and technologies given below:

A mark - up language is HTML. It offers a website's structure so that web browsers know what to display. HyperText Markup Language (HTML) is a shorthand for this language. It is a common markup language used to make web pages. Through the use of HTML elements (components used to make web pages), such as tags and attributes, it allows the formation and structuring of sections, paragraphs, and links. There are many uses for HTML, including: developing a website. Developers have been using HTML code to specify how web browsers display elements like text, hyperlinks, and media files. Internet research Because hyperlinks are often included in HTML, users may easily search for and add connections between related pages and websites. information is provided online. Similar to Microsoft Word, HTML enables you to structure and organize documents. It is also important to emphasize that HTML cannot provide dynamic functionality, which disqualifies it from becoming a programming language. It is currently recognized as a web standard. The

World Wide Web Consortium (W3C) is in charge of upholding, advancing, and distributing regular revisions to HTML standards.

Cascading Style Sheets, or CSS. Web designers may alter the colors, fonts, simulations, and transitions on the internet using CSS. The web looks good in diversity. Simple textual structuring within documents, including changing the color and size of headers and links, may be done using CSS. It might be used to create a layout, such as turning a single column of text into one with a main content area and a sidebar for supplemental information. It may also be used to produce animation-style effects. See the links in this sentence for specific examples.

Bootstrap is an HTML, CSS, and JavaScript graphical user (UI) framework. Taylor Orwell developed Laravel, a model-view-controller-based, free and open-source PHP web framework, with the goal of expanding online presentations. Laravel is built on Concerto. Bootstrap is a front-end programming framework for creating websites and online apps that is open source and free. A collection of template design vocabularies called Bootstrap was developed to enable the responsive creation of mobile-responsive websites. Developers just need to insert code into a predefined grid layout since this framework, which combines the foundations of flexible web development, does all the work for them.

CSS, JavaScript, and Hypertext Markup Language (HTML) make up the Website builder. Using Bootstrap, software developers can construct websites much more quickly since they don't have to worry about basic commands and features.

4.2 Implementation Tools & Platforms

I'm using PHP Strom as IDE.

JetBrains PhpStorm is a profitable, cross-platform IDE for PHP built on JetBrains' IntelliJ IDEA platform. PhpStorm offers a corrector for PHP, HTML and JavaScript with on-the-fly code analysis, error deterrence and computerized refactoring's for PHP and JavaScript code.

Chapter 5:

User Interface

Screenshot 1:

Screenshot 2:
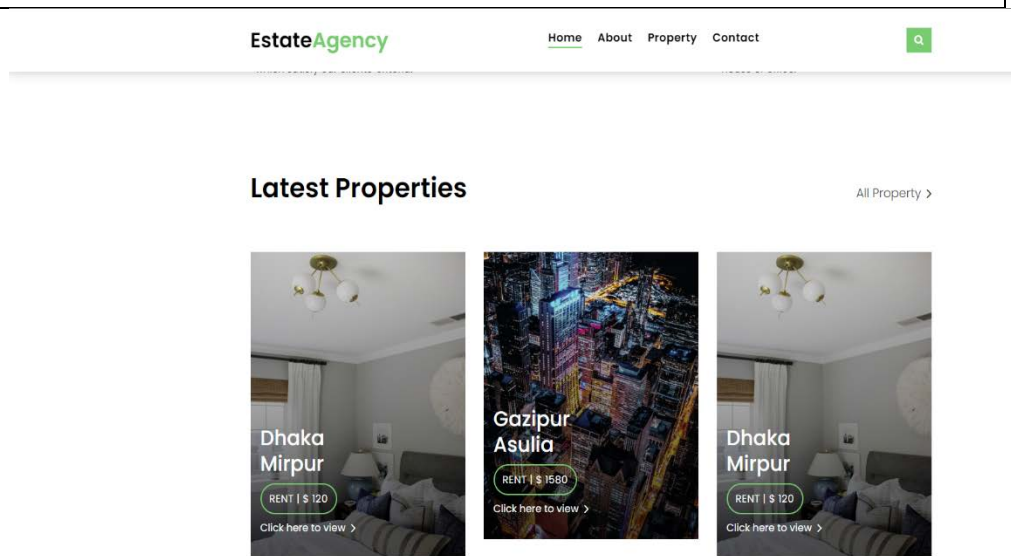
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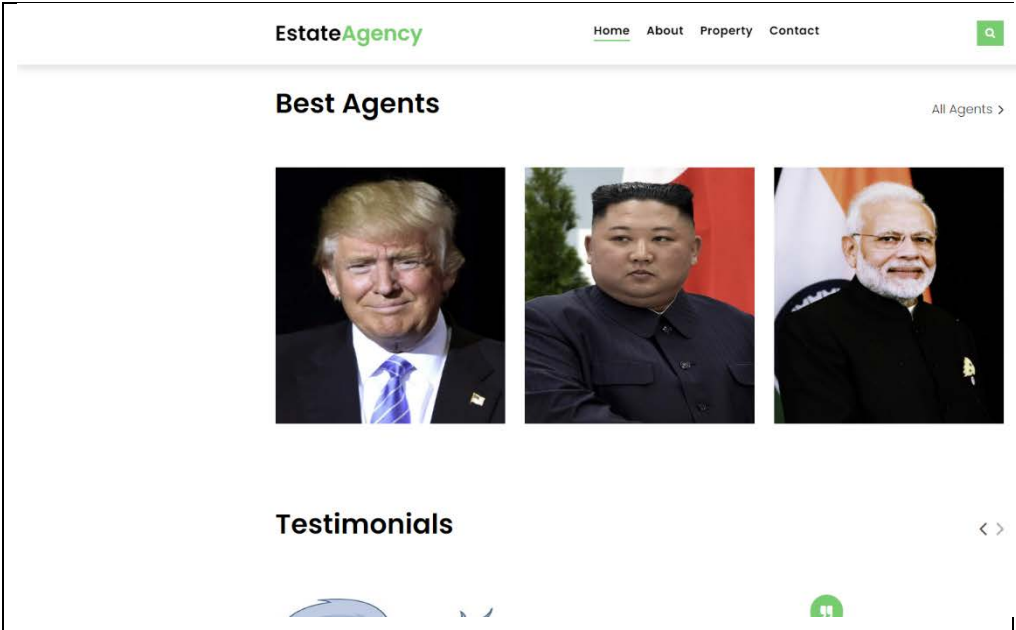
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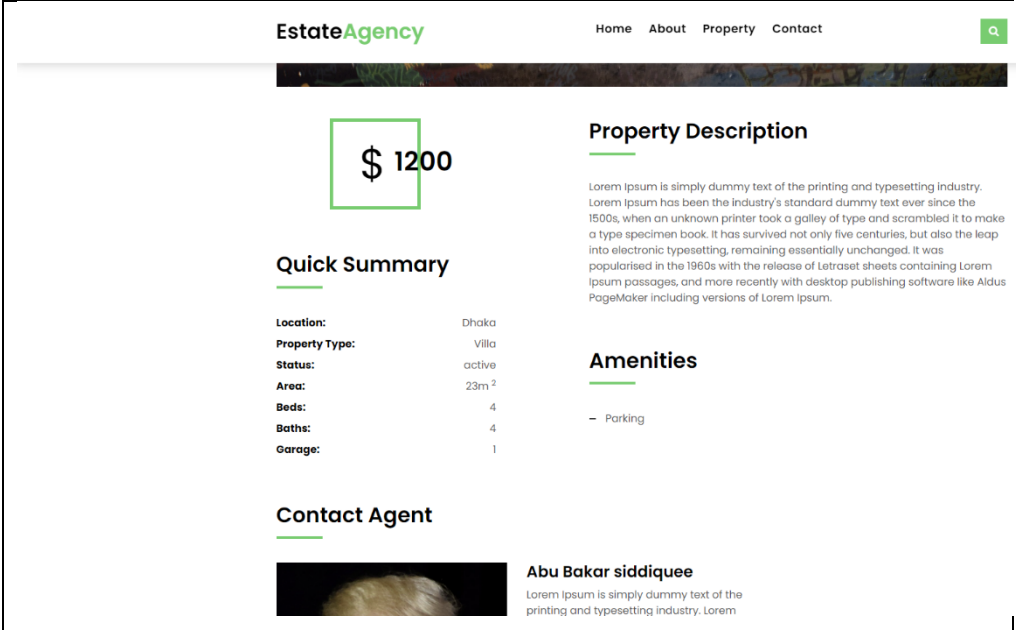
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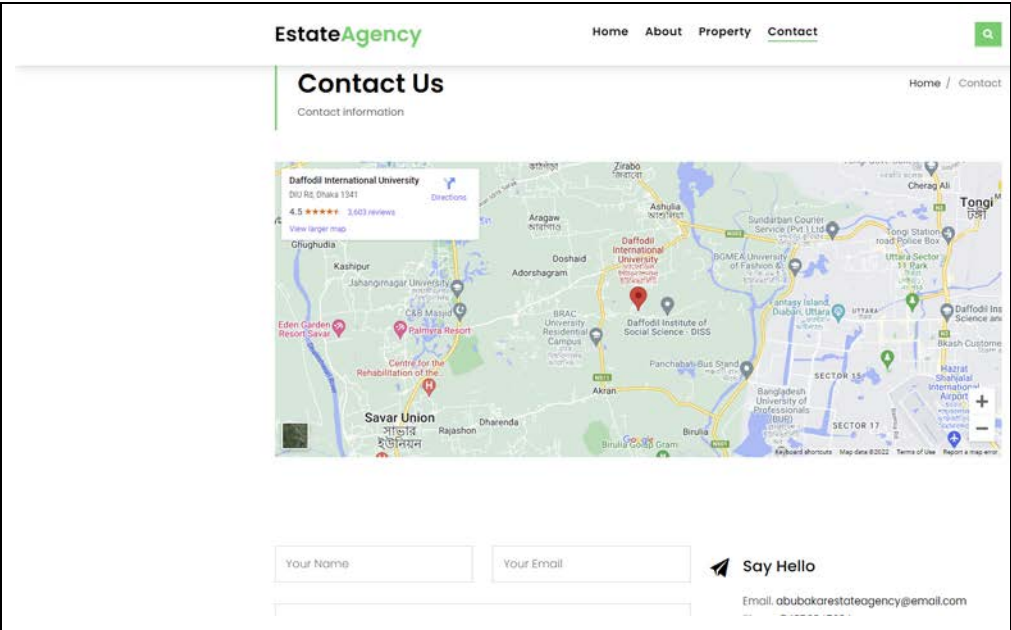
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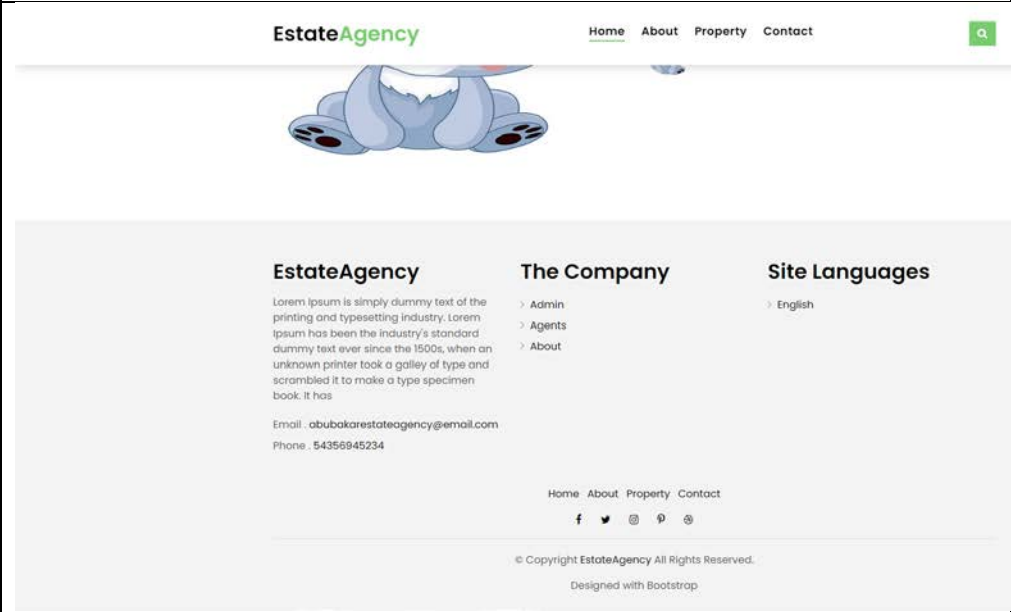
Screenshot 7:

EstateAgency Home About Property Contact

Abu Bakar siddiquee
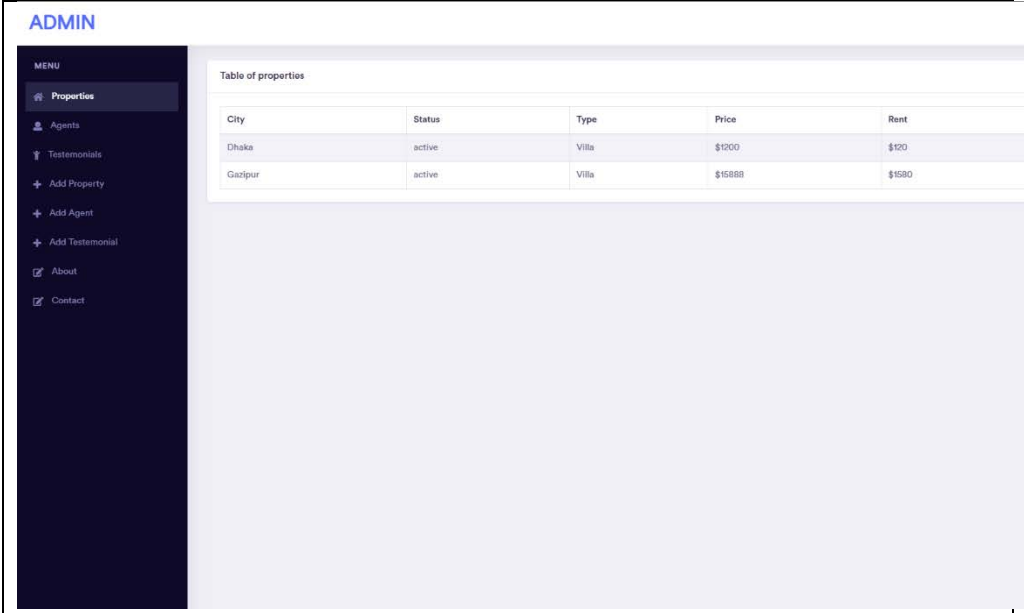
EstateAgency Agent

Home / Agents / Abu Bakar siddiquee

Abu Bakar siddiquee

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

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f ✈ ⊙ P ⊕

Screenshot 8:

EstateAgency Home About Property Contact

$ 15888

Property Description

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem

Quick Summary
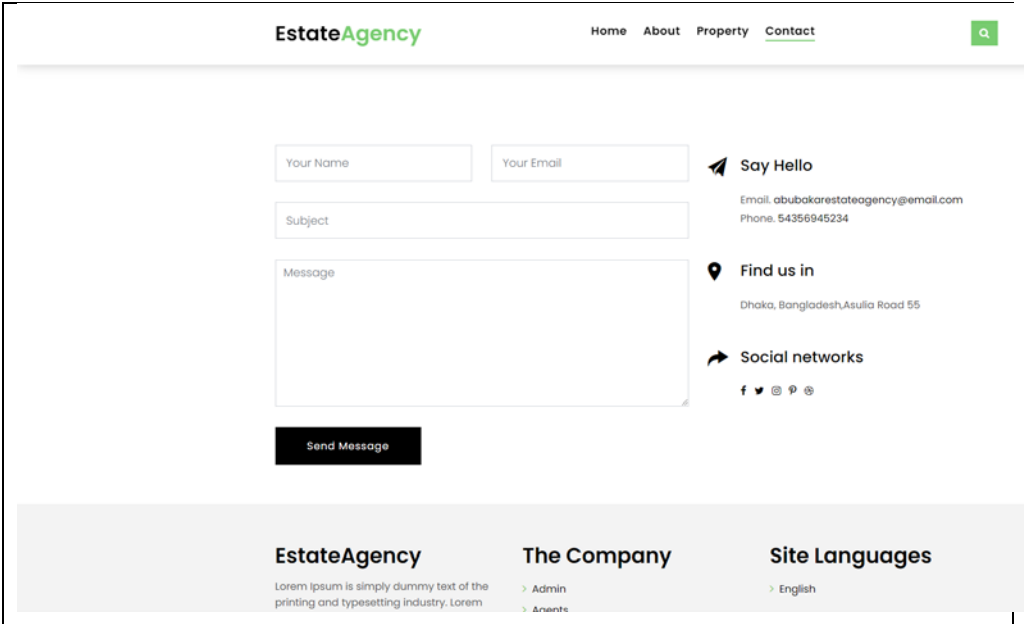
Screenshot 9:

Screenshot 10:

Screenshot 11:

Screenshot 12:

Screenshot 13:

Screenshot 14:

Screenshot 15:

Screenshot 16:

<div align="center">Chapter 6:

System Testing</div>

6.1 System Testing

Software testing is a method used to gauge a programming operation's performance with the aim of determining if the generated software meets the required requirements or not and to uncover flaws to ensure that the product is free of defects and produces a high-quality product [7].

The purpose of the test plan is to specify how the system will be tested and to provide detailed instructions on how to conduct the test. The test data is connected to the subject matter being tested, the expected results, and factual information. One of the basic papers that must be prepared in all software engineering projects is the test plan. However, the system that was created was of poor quality since there was no test plan in the design. For a stoner, this may not be respectable since it won't meet their needs. As soon as conditions have been connected, the test plan should be developed. The system will be placed through a test using sample data to examine how it would manage input and affair operations as well as extreme data or situations to decide the system gets in overloaded scenario, which will directly slow the system down those acts in failure, or severe situation.

Examining a comprehensive, flawlessly integrated software solution is known as system testing. Since the testing team does not need to be aware of the internal structure of the code, it is categorized as black-box testing. A functional requirement specification (FRS) or a system requirement specification (SRS) may be used as the framework for system testing (FRS). It is the last test to make sure the delivered product meets the requirements listed in the requirement document. Both non-functional and functional demands should be considered. The team should decide which types of system testing are necessary before launching an application. The following are a few instances of system testing techniques used by software development companies:

1. Usability testing: To ascertain if a product or program offers a satisfying user experience.

2. Verification And validation - Verifying that a code addition or update has not adversely affected the functionality of already-existing code.

3. Load testing - This kind of non-functional testing reveals how an application responds to a certain expected load.

4. Functional testing: This kind of testing verifies that a product functions and meets user expectations in a suitable manner.

5. Migration testing is the assessment of software applications that transfer or convert data from one application to another.

6. Logical connection is carried out to make sure the application operates consistently across a range of settings.

Boundary value representations are designed to be included in the boundary value testing process.

8. To supply inaccurate, unexpected, or unanticipated data to a project's inputs, fuzz testing is utilized.

Test Case:

Test case #1	**Test case name**: Visit			
System: Real Estate	**Subsystem**: N/A			
Design By: Abu Bakar	**Design date**: 15/9/2022			
Execute By: Abu Bakar	**Executed date**: 15/10/2022			
Short description: Target of this case is to visit and search and manipulate data.				
Precondition: For customer have no any precondition				
Step	**Action**	**Response**	**Pass/Fail**	**Comment**
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #2	**Test case name**: Place Choice			
System: Real Estate	**Subsystem**: N/A			
Design By: Abu Bakar	**Design date**: 15/9/2022			

Execute By: Abu Bakar	Executed date: 15/10/2022			
Short description: Target of this case is to search and manipulate data				
Precondition: For customer have no any precondition				
Step	**Action**	**Response**	**Pass/Fail**	**Comment**
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #3	Test case name: Search Map			
System: Real Estate	**Subsystem**: N/A			
Design By: Abu Bakar	**Design date**: 15/9/2022			
Execute By: Abu Bakar	**Executed date**: 15/10/2022			
Short description: Target of this case is to search office location on site.				
Precondition: For customer have no any precondition				
Step	**Action**	**Response**	**Pass/Fail**	**Comment**
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #4	Test case name: Add Agent			

System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			
Execute By: Abu Bakar	Executed date: 15/10/2022			
Short description: Target of this case is to add agent from admin panel				
Precondition: Have to authenticate				
Step	Action	Response	Pass/Fail	Comment
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #5	Test case name: Add Agent			
System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			
Execute By: Abu Bakar	Executed date: 15/10/2022			
Short description: Target of this case is to add agent from admin panel				
Precondition: Have to authenticate				
Step	Action	Response	Pass/Fail	Comment
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #6	Test case name: Add Properties			
System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			
Execute By: Abu Bakar	Executed date: 15/10/2022			
Short description: Target of this case is to add property from admin panel				
Precondition: Have to authenticate				
Step	Action	Response	Pass/Fail	Comment
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Test case #7	Test case name: Update Properties			
System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			
Execute By: Abu Bakar	Executed date: 15/10/2022			
Short description: Target of this case is to update property from admin panel				
Precondition: Have to authenticate				
Step	Action	Response	Pass/Fail	Comment

1	All data is in case	200	Pass	N/A

Post Condition: N/A

Fail Case: If we provide wrong information then it will show nothing.

Test case #8	Test case name: Update Agent			
System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			
Execute By: Abu Bakar	Executed date: 15/10/2022			

Short description: Target of this case is to update agent informations from admin panel

Precondition: Have to authenticate

Step	Action	Response	Pass/Fail	Comment
1	All data is in case	200	Pass	N/A

Post Condition: N/A

Fail Case: If we provide wrong information then it will show nothing.

Test case #9	Test case name: Login & Logout			
System: Real Estate	Subsystem: N/A			
Design By: Abu Bakar	Design date: 15/9/2022			

Execute By: Abu Bakar	Executed date: 15/10/2022		45	
Short description: Target of this case is to login and logout from admin panel				
Precondition: Have to authenticate				
Step	**Action**	**Response**	**Pass/Fail**	**Comment**
1	All data is in case	200	Pass	N/A
Post Condition: N/A				
Fail Case: If we provide wrong information then it will show nothing.				

Chapter 7:

Project Summary

7.1 Limitations

- This system is not able to do chart view for Users.

7.2 Obstacle & Achievements

Obstacle:

- Erudition new technology and background

- Imperfect time and budget

Achievements:

- Learnt new machinery

- Fruitfully built a project for manufacture level

7.3 Future Work

Though the system was developed as fine but the future work will include some major changes, as-

- Payment doorway will be integrated

- Real time announcement media like chat

7.4 GitHub Link

User name:

Project URL:

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