

INTERIOR & EXTERIOR DESIGN MANAGEMENT SYSTEM

BY

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of
Bachelor of Computing & Information System

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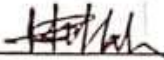
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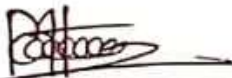
This Project titled INTERIOR & EXTERIOR DESIGN MANAGEMENT SYSTEM Submitted by Md Abid Hasan , ID No: 183-16-394 to the Department of Computing & Information Systems, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computing & Information Systems and approved as to its style and contents. The presentation has been held on- 14-01-2023.

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ABSTRACT

Everything is digitalized in the modern day, and people move away from traditional things. Interior and external design are quite precise today. A web-based system for managing dynamic methods is possible with the Interior & Exterior Management System. The internal management system continuously concentrates employees' efforts on the task that is related with this platform, which is a freelancing system. Full organizational systems were controlled here. There are a variety of management systems, including personnel management, report management, user management, and product management systems. The web-based technologies will make it easier to comprehend the internal design. Here, they will manage the entire business process and keep track of the specifics of their prior and charitable operations. They will simply reduce business losses and boost earnings by using this strategy.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Nowadays, everyone enjoys the digital system. Due to the dynamic system, the entire management system will be handled correctly and quickly. All data is held in reserve, and all data is easily accessible at any moment. However, a paper-based technique takes a very long time and is not always helpful. A paper-based system of ways could be a problematic strategy for the corporate corporation. Here, they are unable to obtain any data once requested. Therefore, it is not the appropriate strategy for every firm. These systems are bad for the government.

These factors influenced my decision to choose a dynamic management system. In order for the answer to benefit everyone and other individuals. I decided to use the web-based Interior & Exterior design management system.

A person who fashions, locates, controls, and arranges that kind of work is known as an interior designer. In addition to idea generation, field style, field analysis, programming, research, worker involvement, project management, and project preparation, interior design can involve a wide range of tasks. If this activity is paper-based, it will be very difficult for the staff to complete since it requires extensive analysis, planning, design, and a drawing that is implemented from the internet. Here, the company is simultaneously managing a number of tasks, including product sales, a designer's portfolio, product management, packages management, user management, report management, etc. I chose to complete the project created on web-based technologies as a result of these factors. Here, the customer will only buy and order their stuff online. Admin will provide information on profit or loss whenever necessary. Users will update their profiles, display designer portfolios, buy products, choose their packages, look for products, like various diaries, etc. Additionally, the admin will control every aspect of the company, including user, product, staff schedule, diary updates, comment and response management, monthly report management, etc. Additionally, the designer will display their work schedules and portfolios.

Due of these factors, I decided to adopt the Interior & Exterior Design Management Solution, a totally web-based system for all users.

1.2 Motivation

In the time of epidemic I got a multitudinous time to ameliorate myself. So I suppose to develop myself affiliated skill development. But in the very morning I saw that indeed if I could be suitable to develop the software part I do not have enough resource to develop the tackle part. I started to search for different-commerce and physical shops. But there's no similar an online platform or place that one can offer interior & surface design. Some Facebook grounded-commerce and physical company offer similar types of design's and work on it. Because there's no bone do that similar types design and modeling. And also it's not available in our country. Lately I talked with some of company they've formerly show their interest in this section. Also seeing these there vast of interest in this section make me more seductive to do this and so on.

1.3 Objectives

- Aids in system management that is effective.
- Aids in updating their organization's stock.
- Assists in accurately maintaining their records and verifies their gains or losses.
- Contributes to creating the right call at the right moment.

1.4 Expected outcome

- It tracks all the data of Order, Customer.
- Deal with the data of Order and Admin.
- Shows the data and definition of the Admin, customer.
- To make effectiveness of dealing with the customer, Order.
- It manages observing the data and exchanges of Order. Deal with the data of Order.
- Joining of all records of Order Schedule.

1.5 Report layout

This paper will cover the next chapters.

Chapter 1: Introduction:

The introduction of the web-based system is covered in this chapter.

Chapter 2: Initial study:

Here, the basic requirements of my assignment have been discussed. Here, the scope of the problem and the venture's problems are explained using related work, contrasted with other sites, and other sites.

Chapter 3: Literature Review

This chapter explains the domain drawback and, thus, the anticipated solutions. I also compared this to my project.

Chapter 4: Methodology

This chapter explains the methodology that should be utilized, the approach that I actually used, and the justifications for using it for the project.

Chapter 5: Planning:

This chapter explains how I handled risk management, how I controlled the project's check arrangement, and how I managed my project's schedule in accordance with the breakdown structure.

Chapter 6: Feasibleness:

This chapter discusses the project's operational, social, technological, and economic viability.

Chapter 7: Foundation:

This chapter accurately diagrams the project's structure and summarizes it.

Chapter 8: Implementation and Testing

This section's main focus is on the execution of the information base, front-end planning and communications, testing execution, test results, and reporting.

Chapter 9: Conclusion and Future Scope

The project's conclusion and future scope are discussed in the last section.

CHAPTER 2

INITIAL STUDY

Project Proposal:

2.1. Initial Concept:

Today, everyone uses technology, and jobs are selected using flexible criteria. Therefore, I built with systems that are mostly web-based and chose a dynamic approach for this firm. People are very interested in both interior and exterior style these days. People's interest in interior design is growing every day. They must be aware of the project's style, working procedure, cost, and other factors. People did not previously understand this interior design strategy. Currently, the initiative aids in understanding this approach.

Here, each interior and exterior style management system takes into account people's preferences and uses a web-based system to oversee the entire business.

Here, they will handle client information, transfer product details, remove, modify, manage product sell information, and update blogs wherever clients leave comments and likes, etc. They'll respond to customer feedback, administer the organization's monthly report, which will include profit and loss information, manage their designer work schedule, and display the intern CV. The designer will also display their work schedule and portfolio. Additionally, the client will log in to their system, view product details, add the item to their basket, view the invoice and transfer, view their portfolio, view examples of previous work, comment on blogs, like them, update their profile, choose interior package options, etc..

2.2 Proof of a concept:

2.2.1 Prototype:

Here given the inside style model as if they will show their computer a way to appear as if.

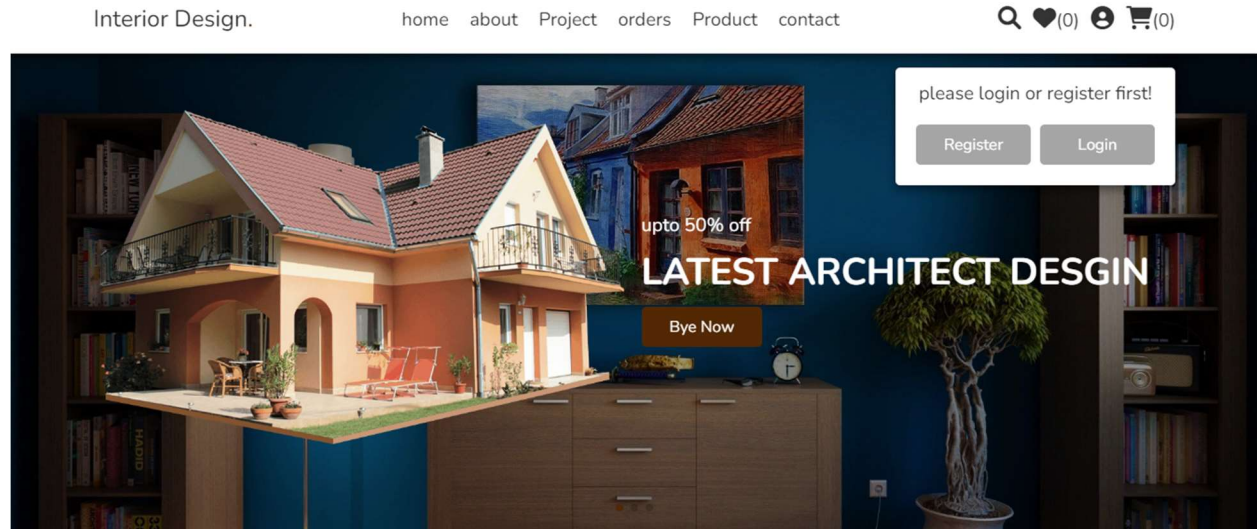


Figure 2.1: Latest Architect Design.

2.2.2 Initial research:

- **Market Resilience :**

Using a dynamic technique, the management system for interior design is developed. Interior design management is currently attracting interest in East Pakistan. Any or all of the digitally controlled environments, such as their home, workplace, place of education, or structure, must be decorated. It is simpler to understand how this works because of the internal style management system. In this instance, the system was entirely online. They will deal with customers, transfer product descriptions, remove them, alter them, manage them, come across blogs where customers will leave comments, etc., and exhibit the resumes of interns. The designer will also show off how their works are organized and packaged. When a user signs in, they may check product details, place delivery orders, view bills and transfers, view packages, see older work, and answer to queries by posting blogs, updating their profiles, choosing an interior package, etc.

East Pakistan doesn't have a comprehensive interior style management system, therefore that's why I chose it. Interior design takes a lot of effort and money in this location. I'm trying to figure out what the client is interested in. As if clients only interact and express interest in the business's work sometimes. To succeed in this market, I must design my plan from this angle.

2.3 Practicability Study:

2.3.1 Operational Feasibility:

Using this method, various types of enterprises will be able to dynamically manage their interior design. In this system, there is a user with the name of admin. The administrator will take control of users, transfer ownership of product descriptions, delete or modify them, learn about blogs where users may post comments, etc. here. Display intern cv's, manage designer schedules, handle product orders, manage shipments, etc. Additionally, the admin will answer any calls regarding the interior design firm. Here I will be able to give AN increased capableness for the system:

- All products are easily addictive.
- The system is simple to use.
- Simple blog updates.
- Simple maintenance of the system.

2.3.2 Technical Feasibility:

To run our web-based system, we only need a single computer and server. Wherever the server is at the tip of the server, the computer is at the top of the shopper. The server retains every piece of information the system writes. PRN, the customer receives the information from the server.

2.3.3 Economic feasibility:

We would have preferred a computer and a server because we were in a rush to finish this project for controlling inventories. In this method, we will occasionally save money because we don't need a lot of computers and servers.

- **Costs:**
 - ✓ Software Value Costs
 - ✓ Hosting Value Costs
 - ✓ Storage Value Costs
 - ✓ Development Value Costs

Table 2.1: Table of some prices of hardware's:

Serial No.	Component	Price (BDT)
------------	-----------	-------------

1	Software	30,560/=
2	Hardware	45,560/=
3	Web Hosting	3,560/=
4	Others	15,150/=
Total		95,000/=

Table 2.2: Table of some software prices:

Serial No.	Component	Price (BDT)
1	Computer	75,000/=
2	Router	2500/=
3	Others	2000/=
Total		79500/=

Table 2.3: Table of some hosting prices:

Serial No.	Component	Price (BDT)
1	Windows 10	10,969/=
2	MS Office 2016	10,979/=
3	Adobe Create Cloud	8,989/=
4	Visual Basic	10,540/=
5	Browser	0/=
Total		45786/=

2.4 Comparative analysis:

Bangladesh lacks an efficient, financially viable interior management system. Officers use manual methods to monitor and store internal records. My system, however, lacks a manual system. Here, you may easily handle all interior design packages, items, designers' schedules, and report management..

2.4.1 Foundation

- ✓ Project goals and objectives as outlined:

Goal: The major goal of this strategy is to enhance interior architecture in order to reduce injuries. In order to manage interior design effectively, this technique was required.

2.4.2 Objectives:

- **Product setup:** The administration will handle the product specifics. He will change product data, update the product, inspect the product, add and delete products, and do other actions. Additionally, the customer will display every item and get.
- **Order setup:**
Admin will control the ordering process. Here, the administrator will display the order standing for completed and incomplete areas. Add new statuses for the product, such as incomplete, delivered, capable of shipping, sent, received, and off.
- **Blog setup:**
- Blogs are managed by admin. Any blog will be written by him. the blogs to update information about their business. He will also mention these blogs. In this case, the client will just post any remark and like the blogs. displays customer comments and responds to them. Any PDFs, photos, etc. can be transferred here.
- **Designer schedule setup:**
- Schedule for designer work will be managed by admin. He'll modernize their work spaces. This information includes the designer's work's length, date, and time.
- **Report check:**
- Administration will review monthly reports. He will display gains and losses here. and keeps its corporate reports.
- **Internship:**
An intern can easily transfer their CV if they so want. Administrator will review intern's resume. He selects them and presents an opportunity if their CV meets the need.
- **Packages setup:**
The administrator will manage the inside packages. The buyer will select the necessity they desire in this case. He will provide them with an update. The whole information included in these bundles is listed below. Additionally, the purchaser will select their interior packages.

High Level Features/Requirement to Realize Goals/Objectives:

- ✓ Add product
- ✓ Add packages
- ✓ Check monthly reports
- ✓ Add Blogs
- ✓ Blogs
- ✓ Creates Designer schedule
- ✓ Order product
- ✓ Search product
- ✓ Comments
- ✓ Likes the blogs
- ✓ Rating

Non-Functional Requirements:

- ✓ Validation/ verification
- ✓ Security
- ✓ Responsive
- ✓ Efficiency of system
- ✓ Reliability
- ✓ Flexibility
- ✓ Testability

2.5 Exploration and Engineering:

Unvarying development:

Here given below unvarying development square measure listed below:

- ✓ Manage report
- ✓ Manage product

Table 2.4: Table of Time box.

SL NO	TIME BOX NAME	TASK NAME	DURATION	ACTING ROLE
1	Time Box 1	Initial study	5	Analyst
2	Time Box 1	Feasibility study	5	Development & analyst
3	Time Box 1	Foundation	8	Development & analyst
4	Time Box 2	Introduction	5	Analyst
5	Time Box 2	Literature review	6	Analyst
6	Time Box 3	Methodology	10	Analyst
7	Time Box 3	Planning	11	User & analyst
8	Time Box 3	Exploration	9	Developer & analyst
9	Time Box 3	Engineering	8	Tester, developer, & user
10	Time Box 4	Testing	9	Tester, developer, & user
11	Time Box 4	Development phase	8	Tester, developer, & user
12	Time Box 4	Implementation	12	Tester, developer, & user
13	Time Box 5	Lesson learned	5	Tester, developer, & user
14	Time Box 5	Critical appraisal	6	Analyst
15	Time Box 5	Conclusion	5	Analyst

Table 2.5: Table of Gantt chart.

TIME BOX NAME	DURATION
Initial study	5
Feasibility study	5
Foundation	8
Introduction	5
Literature review	6
Methodology	10
Planning	11
Exploration	9
Engineering	8
Testing	9
Development phase	8
Implementation	12
Lesson learned	5
Critical appraisal	6
Conclusion	5

2.5.1 Features wise development:

- Focus on the project options at first, rather than the setup of products, orders, blogs, designer schedules, reports, internships, packages, etc.

Deployment:

The user has already used admin, one of the web apps I'm developing. This website, in my opinion, makes the web more compatible with our gadgets than other websites. It offers many characteristics and advantages, such as simple internet connection, low cost, no need to install instrumentation, rapid and easy adjustment, etc.

I utilize PHP to carry out my duties in the background, look up UI specifications, build responsive HTML, and use different CSS and MySQL windows versions as necessary

2.6 Background of the Project:

Some people have issues since interior design management is sometimes done manually. It's difficult for people to fully comprehend this interior design. Nowadays, people are curious about the processes involved in these works. If interior design management uses an analog system, they will run into a number of issues. The analog means method takes a lot of time. People struggle and ignore house design as a result of these problems. Many of us are also unable to defend the right style. Additionally, the interior designer is unable to comprehend their desires. Though it is sometimes a tedious procedure, the designer creates a sketch on paper. A fresh drawing is created by the designer as a replacement if something is incorrect. Additionally, the product is difficult to use in this environment. The internal style management system will suffer a loss.

This is the reason I chose the web-based technology project. It is powered by a digital system. Here, the entire interior design is easily controllable. The flexible tools will help their business run more smoothly. The management system's dynamic interior style control is expected to produce interior style. The system should be able to handle production, order processing, traveler management, diary generation, style format configuration, news checks, internships, configuration packages, and other tasks after it has reached its complete development. Production-related activities and the fundamental sales model. When the items are created, the administrator must purchase and sell them.

People are curious about controlling interior design. They are required to finish all digital decorating for their home, building, place of employment, school, etc., all of which are under the direction of an interior designer. It is simpler to understand how this works because of the internal style management system. Here, the system handled all business primarily online. The admin will

determine the available dates, times, locations, and periods for the designer personnel. The administrator will oversee the inventory and make any necessary updates to the inventory data. He will review the products' inventory. Will also be employed the system for controlling product status and order maintenance. The administrator will manage the diary's state, write a fresh blog entry, reply to user comments, and show user likes. The administrator will be in charge of all internal packages and data updates. The administration will be in charge of monthly reports that show the company's profits and losses. After logging in, the user will view their webpage. User will decide which interior packages they require. The user may also view the designer's portfolio and look at examples of their work. The user will look for the necessary item. The user should buy their item from the shopping cart. They will also send their invoice. A designer's work schedule and portfolio are shown on their computer when they check in.

2.7 Goals of the project:

- ✓ Easy product acquisition and marketing,
- ✓ Management of reports,
- ✓ Bundles
- ✓ Client priorities..

2.8 Problem areas:

For East Pakistanis, interior design management could be a novel idea. People today are conscious of interior design and want to make their homes pleasant. The needs of the public will be satisfied by an interior design management system. This page displays the optimum local environmental weather for the user's region. Interior design may serve as a source of inspiration for East Pakistanis. The business seeks to handle interior design in a dynamic manner as a result of these factors. However, the following disadvantages are square measurements that exist:

- ✓ All product information must be filled accurately. Additionally, accurate data from past reports must be submitted. A lot of problems will arise for the firm if erroneous data is entered.
- ✓ Admins must alert their websites..
- ✓ Website administrators must update them..
- ✓ Admins must tell their websites so that the designer is aware of them.

- ✓ If someone needs help using websites, they should provide website coaching..
- ✓ There might be an issue with the protection of consumer data..

2.9 Doable solution:

Following analysis, I focused on the subjects. I've chosen a dynamic interior design approach in this instance that calls for problem-solving. I built the system and then carefully entered the details of their products. as though the business's only goal is to keep selling its goods. You may examine your company's profit or loss in the report data, so be sure to input everything precisely. Please use online tutoring. Security is also a top issue because of the various customer annoyances caused by safety worries. I focused on the problem after starting with the systems.

CHAPTER 3

LITERATURE REVIEW

A key element of the system's event is the literature review. The literature review makes it simpler to locate the precise location. With the assistance of the literature study, a comparable activity within the comparison domain may be located throughout development. This can assist in identifying important components that must be incorporated into the suggested system.

3.1 Discourse on Disadvantage Domain Supported Revealed Articles

- The interior design sector is always evolving. Interior designers are becoming more and more common among new houses. Ten years ago, the only people who had access to wealthy individuals were indoor models. The only houses that survived were beautifully adorned homes from brochures and catalogs. Interior design is far more significant than luxury design since labor and capacity have grown significantly over time. Despite this expansion, the inside fashion industry is dealing with the difficulties listed below.

Managing Costs:

- For any business, whether it be an interior design firm or another, cost management might be a major problem. includes contracts, goods, advertisements, and even ongoing monthly phone costs. Managing property costs may be a big problem for many interior design companies. If the project takes longer than anticipated or if the client changes their mind throughout the project, the costs of the workers are not under management's control. Even subpar performance may be costly, time-consuming, and expensive in the workplace.
- **Insufficient Transparency:**
The market for interior design is still hardly saturated and growing. Because prices are never set, the worth of a particular piece of furniture may fluctuate greatly depending on where its parts are acquired. Customers expect a specific price range, thus it could be difficult for decorators to barter and arrive at a fair price. Customers are moreover under constant pressure to compare pricing. establishing a sure route.

- **Frequent Changes by Customer:**
- For buyers, furnishing their ideal house can also be a once-in-a-lifetime undertaking. Naturally, they then appear to be seeking perfection until they are satisfied and demand modifications to the system. Customers today have access to the internet, which means several ideas for design, style, and decorating. Customers don't perceive this as dynamic plans and paper style, nevertheless. Inform the person of any modifications, including any to the proposal or the impact of such changes on implementation, etc. It must keep a reasonable equilibrium.
- **Plan ahead and control your time:**
People are not interior designers. Because of this, it's a critical component of your job to make sure you and your coworkers manage your time well. For a lot of interior designers, the aesthetic has always been complicated and drawn out.
- **Limited Product:**

Interior designers need to take note of a piece of furniture nearly every time, unlike homeowners who only need to do so three times in their lifetimes. Depending on the area, access to fine furniture and distinctive decoration varies. Each home they build also has a distinct concept, a distinct decorating style, and an original source of inspiration. Finding a piece of furniture that is both functional and aesthetically pleasing requires actual store visits and comparison shopping, even for the most talented designers. There are further options like using branded websites, internet, and mobile advertising tools. This sector, however, is unregulated and still developing. Supplying poses difficulties.

3.2 Discussion on Drawback Solutions Supported Printed Articles:

- Businesses who are at the forefront of selecting the best design in accordance with their project and time management are active competitors with interior design firms. A lot of interior design companies work in a very cutthroat market. Here are some strategies for resolving interior design issues:

Managing Time:

Interior design requires excellent time management abilities. There are several tasks that need to be completed during the day's hours and activities. Making a time schedule will

help you organize your work quickly, ensure that order prevails, and maintain a consistent schedule.

- **Maintaining Client Expectations:**

You deal with clients who, in various circumstances, typically have quite high expectations. It takes connecting with people and managing expectations to be a good designer. Don't stress over it. Limit your production, adhere to your spending plan, and keep in mind the due dates for your projects.

- **Managing Costs:**

Interior designers should closely monitor their spending. You will find yourself in a very difficult situation if the customer is thinking about it or if the job takes longer than anticipated. All company operations should be completed quickly to avoid spending money on the creative process.

3.3 Selling Your Huge Ideas:

The use of commercialism in interior design is one of the major obstacles. To replicate the texture of the entire area, you should frequently have pictures or an idea. Selling something that the body doesn't have is difficult. Make every effort to let your imagination run wild. Your clients will always appreciate the work you put into anything from consumer items to apparel and vesture wear to help them understand the planning.

- **Training:**

Learning how to utilize the websites will be made easier through training. It will be easy to understand. Here, the administrator and designer will just work and discover about the dynamic way.

- **House designer:**

- ✓ The websites include how it works sections that make understanding work procedures easier.
- ✓ Here, you'll learn how much their interior design costs.
- ✓ Before and after the event, the customer will present their work.
- ✓ Customer will live chat with their company.
- ✓ Here ought to explore choices.
- ✓ Here, you may choose to add any services to your basket and see blogs.

- **Drawing Room Designer :**



Figure 3.1 Drawing Space.

- **Furniture Designee :**



Figure 3.2 Furniture Design.

- **Imagine Interior:**

- ✓ There is no protection here, thus anybody may display all info.
- ✓ Services is also a number of details.

CHAPTER 4

METHODOLOGY

Project approaches are frequently used in project analysis. To enhance the system, pay attention to the project's budget, schedule, and any risk factors while developing communication between the company and its customers. When creating any system, we want to adhere to the processes used in computer coding. The building block of computer code engineering is computer code development. Development of data systems is used to set up, organize, and manage processes.

4.1 What to Use:

Around the world, there are a variety of totally different totally different approaches used to create various computer programs. But understanding the simplest things through projects is the key. I'll start by outlining three clever yet risky approaches. Choose the easiest examples for my lesson project.

4.1.1 Waterfall model:

One of the standard models used in the process of developing computer code is water. In this paradigm, the job is completed by a succession of scenes from a certain set of sequences. The most effective approach model now available is the water model. The direct life cycle model is another name for it. easy to understand and utilize Before starting a new step in the water module, all previous stages must be finished. These stairs need lining. The most useful SDLC method for creating computer code is the waterfall model. The process for creating computer code is clearly demonstrated by the water model. This suggests that the beginning of each step of the event methodology does not occur until the completion of the previous stage. In this water model, not all levels are lined.

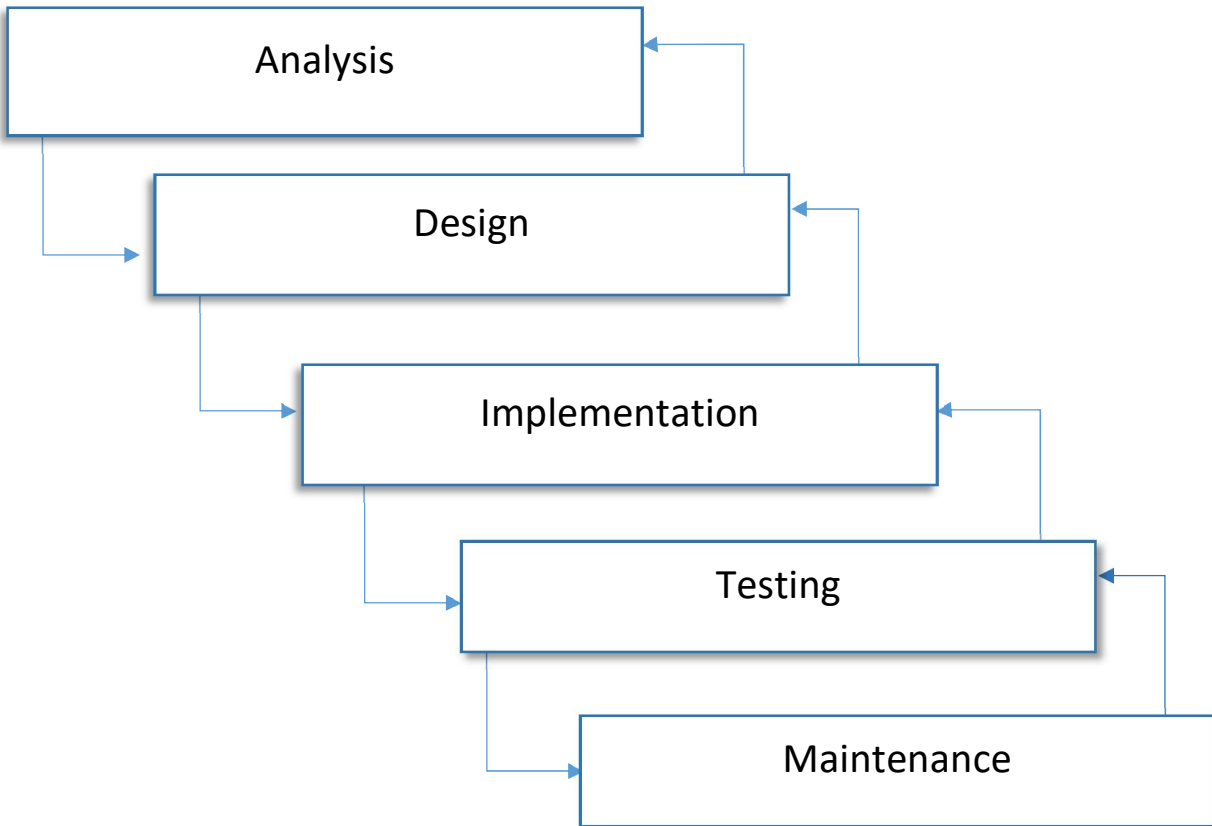


Figure 4.1: Waterfall Model Diagram.

Advantages:

- ✓ The body of water's model is simple to understand.
- ✓ It will carry another level after the first.
- ✓ Development can more easily save time than other methods.
- ✓ The examination procedure and review process are both quite simple.
- ✓ The body of water model will be straightforward to use, understand, and handle.

Disadvantages:

- ✓ The finished body of water model won't be behind schedule.
- ✓ Once the money has been spent, there is no way to resolve the issue.
- ✓ If you only do it once, there is no chance that you will consider continuing at a higher level.
- ✓ Unsuitable for the project launch.
- ✓ No, in certain instances the size of the variances changes.
- ✓ Throughout the project, requests cannot be added to or removed..

4.1.2 Agile Methodology:

The agile approach could be an encouragement to take chances, especially when pushing code, when requests and actions are produced by machine-driven delivery and collaborative efforts from customers and cross-use groups. It was undoubtedly created in reaction to respectable early technical advancements, including the falling strategy, and it supported the traits and standards of the Agile pronunciation. Because the code is constantly updated, the market for the code firm may be quite significant. This means the simple and seamless approach of falls technology isn't just destroyed, and engineers must constantly improve some parts to be in the game.

Advantages:

- ✓ The agile process will please clients by delivering academic resources on time and in full.
- ✓ It makes relationships between people easier and emphasizes quiet acts and tools.
- ✓ Customers, developers, and testers will all follow suit.
- ✓ Deliveries of business software systems will be frequent.
- ✓ It will include face-to-face conversation, which may be pleasant.
- ✓ It facilitates regular communication between business owners and developers.
- ✓ It functions with class.

Disadvantages:

- ✓ It might be challenging to specify what has to be done at the beginning of the working lifespan of some software systems because the majority of them are large tools.
- ✓ May produce insufficient project requirements and papers.
- ✓ If the user representatives fail to identify the desired outcome, the project will be abandoned.
- ✓ Only more experienced developers will make crucial decisions after victimization improvements.

Therefore, there's no chance for these initiatives unless they're coupled to money attainment.

4.1.3 Dynamic system development methodology (DSDM):

Intelligent code development that incorporates system style and management may be done using the Dynamic System Development methodology (DSDM), which may be used at the partner level. Associate in Nursing's 80th modification in humanitarian management serves as the foundation for DSDM. Sometimes the application is submitted 200 percent later than it should be (100%). DSDM is a repeating cryptographic method in which eighty percent of the rules governing the actions required each cycle to promote co-development are upheld. When evaluating a large number of transactions to see if anything has changed, the rest of the analysis is usually required.

Advantages:

- ✓ The DSDM technique is flexible,
- ✓ Cost-effective,
- ✓ Length-focused.
- ✓ It is also cost-effective.

The process will save time and encourage user participation throughout development.

Disadvantages:

- ✓ The DSDM approach is uncommon.
- ✓ It is expensive to deploy.
- ✓ It cannot be used by small organizations.
- ✓ It is not widely used.
- ✓ It can be difficult to know sometimes.

4.2 Why to Use:

The main objective of the educational initiative was to address problems associated with this practice. I think the stacking strategy meets the needs of the system. The company's growth and success are aided by this tactic. Although there are several advertising possibilities, my job's demand is the simplest since it complies with system criteria. It is impossible to identify the real routing techniques in this situation. Below are a few of the reasons. The system will move with the client and end-user.

- ✓ The projected system will set projected systems;
- ✓ It has interactive power.
- ✓ For prompt service when requesting assistance.
- ✓ Finish the job within the allotted time.

CHAPTER 5

PLANNING

5.1 Project Plan:

Every project requires planning. Designing requires determining the labor needs, planning, risk factors, time, budget, and work organization. This can aid developers in comprehending their requirements and effectively implementing them. Everything that is described in this part fits with the plan. The project is broken up into numerous more compact parts. After that, arrange each component. All decisions may be taken at this moment because it is the beginning point.

5.1.1 Work Breakdown Structure (WBS):

The project team strives to complete each project on time. By utilizing the project's work breakdown structure as a guide, it may be able to weaken the planning for the "multi-level rescue zone defined by the project team." It's helpful to identify prospective areas for development and adjustments that can help the team function better. Every degree of effort is entirely separate from primary to primary at the time of breakdown. I utilize the work breakdown structure block to provide the most simple results. The proposed breakdown structure is suitable for the structure's intended use.

Table 5.1: Table of Work Breakdown Structure:

TIME BOX NAME	TASK NAME	START DATE	LAST DATE	DURATION
Time Box 1	Initial study	02/09/2022	06/09/2022	5
Time Box 1	Feasibility study	07/09/2022	11/09/2022	5
Time Box 1	Foundation	12/09/2022	19/09/2022	8
Time Box 2	Introduction	20/09/2022	24/09/2022	5
Time Box 2	Literature review	25/09/2022	30/10/2022	6
Time Box 3	Methodology	01/10/2022	09/10/2022	10
Time Box 3	Planning	10/10/2022	20/10/2022	11
Time Box 3	Exploration	20/10/2022	28/10/2022	9
Time Box 3	Engineering	29/10/2022	05/11/2011	8
Time Box 4	Testing	06/11/2022	14/11/2022	9
Time Box 4	Development phase	15/11/2022	23/11/2022	8
Time Box 4	Implementation	24/11/2022	05/12/2022	12
Time Box 5	Lesson learned	05/12/2022	09/12/2022	5
Time Box 5	Critical appraisal	10/12/2022	15/12/2022	6
Time Box 5	Conclusion	16/12/2022	20/12/2022	5

5.2 Test Plan:

One of the most crucial elements of creating computer code is testing. Tests are used to identify the flaws and faults in computer programming. We frequently contrast actual examination outcomes with anticipated outcomes. It also keeps an eye on how well programs and standards are being followed.

5.2.1 Test against Time Box:

The delivery will thereafter occasionally contain the time box. The time frame is always necessary for test results. Be assured about the effects of the time box. Prenatal testing is therefore crucial. Then, this is a test against the time frame specified in the following list.:

Table 5.2: Table of Test against Time Box:

USER NAME	EXAMPLE	ROLE	EXAMPLE	
Time Box ID				
Time Box Comments				
Test type	TEST STEP	EXPECTED RESULT	ACTUAL RESULT	COMMENT
Unit test				
Module test				
Integration test				
Security test				
Acceptation test				
System Test				
Reliability test				

5.3 Required Tests:

Tests can help distinguish between blotches and holes in a proposed system, even if other types of testing are required to find system flaws. The following testing is then provided:

5.3.1 Functional testing

- **Unit Testing:**

The design's portions and factors are measured in this section. In general, unit tests function as planned. supporting law police and assisting with decoding

- **Integration Testing :**

These mostly satisfy the needs of software testing. The group has software unit certification. multitasking inside test units integration. Including a motivating idea or

combination of ideas. After confirming that all software components are functioning properly, successful test calls will be performed.

- **System Testing:**

For integration testing, it frequently functions. It works with the system's capabilities, characteristics, and situations. The workload will be under its control, which is the best course of action.

A test of acceptance In the acceptance testing process, functional testing comes last. The subjects of this exam are drug users. Examining client happiness and corporate needs is the major goal of this exam.

5.3.2 Non-Functional

- **Security Testing:**

The area is effective for online operation, internal and external software security. Security is achieved using SQL injection. Then, security is being checked by internal and external attracts.

- **Usability Testing :**

This section evaluates user-friendly software. The user may then operate the machine quickly or fluidly while stoned. centered on interests of the customer. Usability testing enhances the software environment for stoners. When you trust the testing of your abilities, marijuana use is OK. The section examines software breakdown and continuity. Additionally, a trustworthiness test.

5.4 Requirement specification

A highly important tool for creating a job or system is the enterprise procedure model, which is a flowing diagram or model. The mapping notion known as the enterprise method version defines the real facts that characterize us. Using this technique, a structural perspective of a system or device may be developed. Any developer who is creating a task or machine must first establish a business method model.

5.4.1 Use Case Modeling and Description

The social UML chart type is the use case diagram. In order to do research on any framework, use case graph is used. These graphs let us understand the many types of activity that take place within a framework and converse with the frameworks that help us gain knowledge about the most useful

frameworks. On the one hand, the justifications for this graph help us distinguish between the skills and how to characterize those professions. Use case diagrams are necessary to advance any project. An overview of the framework is provided by the use case diagram. This graph, which is seen in figure 5.1, may be used to distinguish between inside and outside parts.

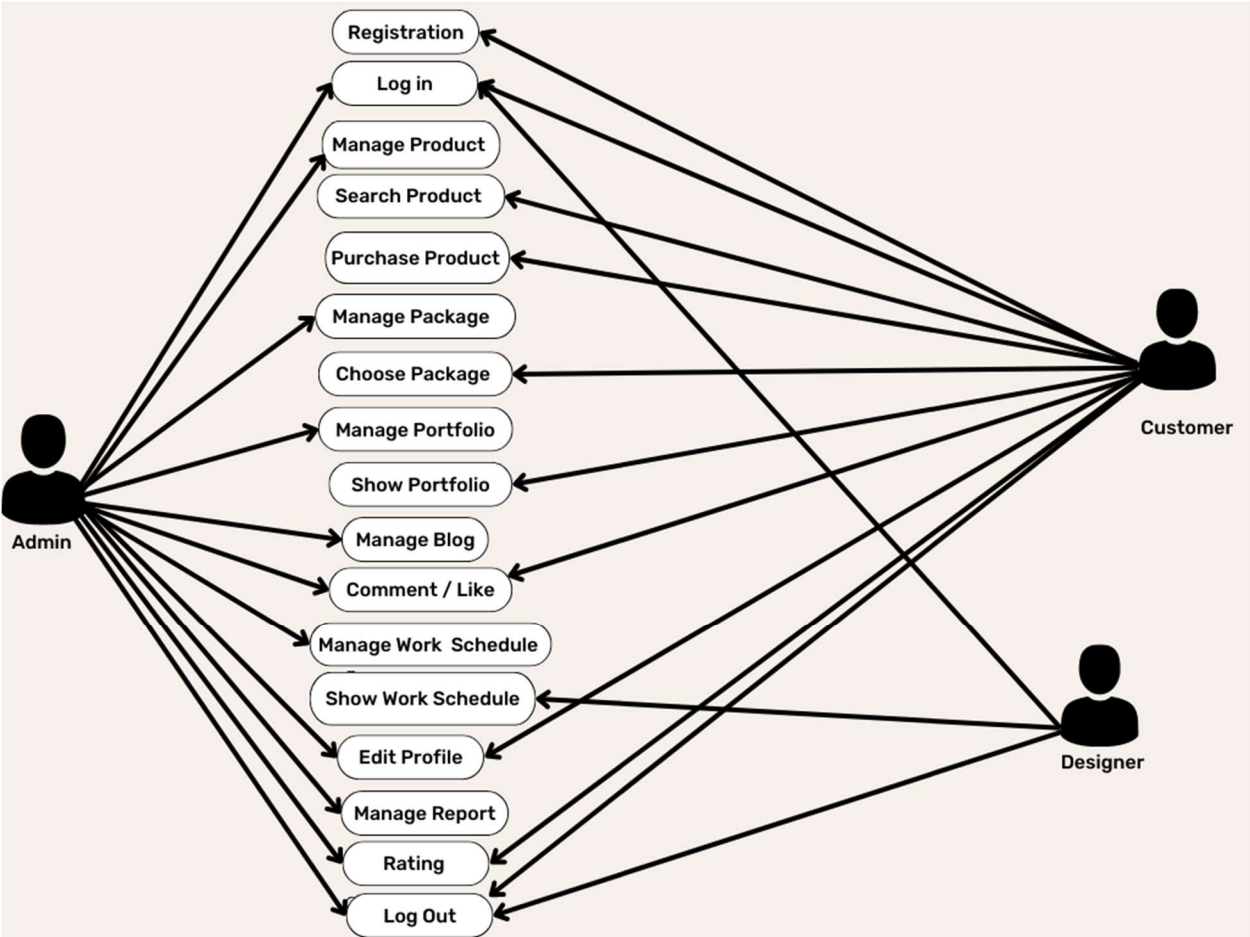


Figure 5.1: Use case Diagram for user.

5.4.2 LED Modeling

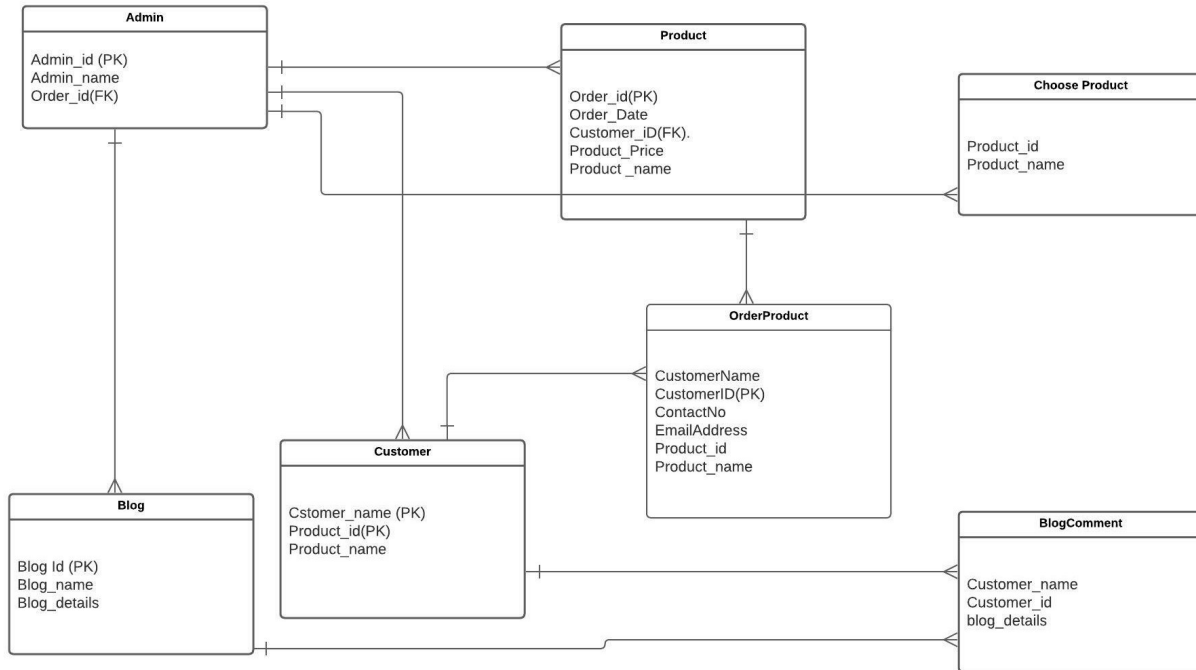


Figure 5.2: ERD Diagram for user.

5.5 Design Requirements

To ensure the success of the project, we consider a few needs while planning a framework or a product. We worked hard to develop a user-friendly web tool. The user interface of our framework is so simple that anyone may use it without any issues. For simpler comprehension, we have developed a business process model, use case summary, activity graph, and consistent information model. MySQL was used to plan our data base. Utilizing HTML and CSS, we created the front-end design. We employed PHP and the Laravel framework for the back end design. As I first began to organize the project. I frequently attempted to make it simple and comprehensible for every client. Effectiveness is really important. I keep it to myself so that my project may run efficiently and effectively in the places.

CHAPTER 6

FEASIBILITY

Even so, it's quick, easy to use, and has a legal framework if the tone-defense argument can be made. This will aid in assessing the process's feasibility. The courses that may be taken, including technical courses in feasibility studies, real-world feasibility studies, and feasibility studies, are described in this section.

6.1 All Possible Type of Feasibility

6.1.1 Economic Feasibility:

The program makes it simple to apply additional fees as needed, similar to installation. After this period of time, I provide the system free conservation for a period of half a time. If circumstances change or a need arises, the firm will discontinue providing the service. You require a garcon and sphere name to purchase the system, which is paid to the service. Then profitable feasibility table are given below:

Table 6.1: Table of Economic Feasibility:

Serial No.	Sector	Cost (BDT)
1	Software	60,453/=
2	Hardware	70,546/=
3	Hosting	3,231/=
4	Others	17,123/=
Total price		150,456/=

Table 6.2: Table of Software Cost:

Serial No.	Name	License	Price (Yearly)	Total Price (BDT)
1	Microsoft office	6 months	15642/=	14523/=
2	Browser	Free	00/=	00/=
3	Operating system	6 months	15462/=	17452/=
4	Xmapp	Free	00/=	00/=
5	PHP storm	6 months	18975/=	19546/=
6	Adobe dream weaver	6 months	15,546/=	19456/=
Total=				112345/=

Table 6.3: Table of Hardware Cost:

Serial No.	Name	Quantity	Price (Yearly)	Total Price (BDT)
1	Asus laptop	01	72256/=	72256/=
2	Router	01	3256/=	3256/=
Total=				75,456/=

Table 6.4: Table of Hosting Cost:

Serial No.	Name	Package	Price (Yearly)	Total Price (BDT)
1	Domain	6 months	956/=	956/=
2	Business shared hosting	Business shared hosting	567/=	567/=
Total=				1456/=

6.1.2 Technical Feasibility:

JavaScript and PHP are used by the automated system. In the DIY process, a lot of data and lines are lost. Even said, all procedures are much simpler to view and handle with automated processes following a fresh preface. I've developed a software that can be used in both the control panel and a web browser. These systems represent the particular problems I'll employ in the design, which are described below.

- **Software:**
 - ✓ Operating System
 - ✓ Browser
 - ✓ Microsoft Office
 - ✓ Xampp
 - ✓ PHP Storm

- **Hardware:**
 - ✓ Laptop (With a good hardware component)
 - ✓ Router (With good internet provide)

6.1.3 Operational Feasibility:

This solution enables various organizations to effectively manage their interior design. In this system, there's a stoner with the name of admin. The administrator can then control visitors, add product descriptions, delete, modify, and manage product descriptions, set up blogs that are inaccessible to visitors, etc. Display the resume of an intern, manage the developer's calendar, the product order, the packages, etc. Additionally, the administrator has complete control over the interior design firm. Then I'll give an enhanced operating capability for the system:

- ✓ All products were uploaded smoothly
- ✓ The system was easily accessible.
- ✓ Blogs were updated smoothly.
- ✓ Maintenance of the system fluently.

6.2 Cost Benefit Analysis:

This statistical research demonstrates the unreliability of the existing assiduity. There is now a one-day requirement for all online employment. The stoner will benefit from using this framework. Below is an estimate of the costs and benefits of the proposed structure:

Table 6.5: Table of Cost Benefit Analysis:

SL No.	Sector of expenditure	Year 1	Year 2	Year 3	Year 4	Total
1	Software cost	90,000/=	-	-	-	90,000/=
2	Hardware cost	75,000/=	-	-	-	75,000/=
3	Hosting	2,500/=	2,500/=	2,500/=	2,500/=	10,000/=
4	Office cost	25,000/=	25,000/=	25,000/=	25,000/=	1,00,000/=
5	Staff cost	30,000/=	30,000/=	30,000/=	30,000/=	120,000/=
6	Development Cost	5,000/=	5,000/=	5,000/=	5,000/=	20,000/=
7	Others cost	20,000/=	20,000/=	20,000/=	20,000/=	80,000/=
	Total	2,47,500/=	82,500/=	82,500/=	82,500/=	495,000/=

Table 6.6: Table of Cost Total Earnings:

SL No.	Sector of expenditure	Year 1	Year 2	Year 3	Year 4	Total
1	Earnings from E-commerce	90,000/=	100,000/=	110,000/-	130,000/=	430,000/=
2	Earning from personal adds	-	10,000/=	50,000/=	80,000/=	140,000/=
3	Earnings from Google	50000/=	60000/=	90000/=	120000/=	320,000/=
	Total	140,000/=	170,000/=	250,000/=	300,0000/=	890,000/=

Table 6.7: Table of Cost Total Revenue:

SL No.	Sector of expenditure	Year 1	Year 2	Year 3	Year 4	Total
1	Total Earning	140,000/=	170,000/=	250,000/=	300,000/=	890,000/=
2	Total expenditure	2,47,500/=	82,500/=	82,500/=	82,500/=	495,000/=
	Total revenue	387,500/=	252,500/=	252,500/=	252,500/=	1,640.500/=

A team can consistently make a lot of money by doing cost analysis. Each time, the income rises. So analyze systems. The profit in the four and five times will be equal to. So I guess this program is successful.

6.3 DSDM Value for the Project:

Language development practices adhere to DSDM. This rule will remain in effect. The original creators created this style from the beginning and made it simpler to include with the final stoner. Given that the purpose of my design is instructional, DSDM makes a fantastic co-adjutor. Systems I'm hosting are similar to how DSDM works. DSDM is therefore appropriate for the design.

CHAPTER 7

FOUNDATION

7.1 Overall Requirements List:

There are two distinct prerequisites for software engineering. There are two types of requirements: functional requirements and non-functional requirements. Here are some requirements:

7.1.1 List of Functional Requirements:

- **Product setup :**
Admin may control the product information. He has the ability to change product descriptions, add new features, inspect items, and more. The customer may also see and purchase all products.
- **Order setup :**
Stoners may confidently select their products using add wins and confirm orders. The order procedure may be managed by the admin. The administrator can then display the status of any open orders. Additionally, update the product status to reflect the following: pending, delivered, ready for transport, packed, entered, and canceled.
- **Blog Setup :**
Admins can control blogs. Any blog can be written by him. the blogs to update information about their business. He can also make notes on these blogs. Clients are then able to comment and like posts with ease. displays the comments made by the visitors and their responses. Afterward, you may upload any PDF, photographs, etc.
- **Designer schedule setup :**
- Admin may control the scheduling for developer workshops. He can update their work environments. The developer plant, time, date, and work duration are then provided.
- **Report check :**
- A manager may review yearly reports. He can then display gains and losses. and keeps its corporate reports.
- **Internship:**

A student intern may easily upload their resume. Admin can confirm this and display the intern's CV. If their resumes are in demand, he picks them and offers them an opportunity.

- **Package setup :**

- Admin may control packages within. The client can then select the requirement they desire. He may update their packaging. Then it provides all the data that is contained in these packages. Additionally, clients have a choice of interior options.

- **Search :**

- Customers can look for the products the firm sells. Then they may display all of the product's details.

- **Portfolio :**

Clients can then exhibit their corporate portfolio. The portfolio might aid in gaining an understanding of their interior design.

7.1.2 List of Non-Functional Requirements:

- **Validation / verification :**

- The website uses confirmation and verification to function. After then, the customer can submit their data after being verified.

- **Security :**

- Security is used by the website. Clients may then confidently trust their website. since the most crucial aspect of every website is security.

- **Responsive :**

- The most crucial aspect of a website is responsiveness. The client may encounter issues if the website is not responsive. A responsive website may be used on a laptop, smartphone, or any other device.

- **Reliability :**

- The computer may have surprising results when we discreetly press keys. The system's responsibility to offer services every day of the week, round-the-clock, is referred to as trust ability. Therefore, when seen from this perspective, our system ought to be as dependable as is practical.

- **Flexibility :**

The structure must be flexible. As though a user could easily operate the system. The system demands that all data be comprehensive.

- **Testability :**

A testable system must be proposed. Afterward, one can easily verify all functionalities. As if the administrator, developer, and client can use the systems with ease.

7.2 What Technology to be implemented:

Colorful forms of improvements are applied at this peak moment to improve platform performance. There are several reasons why these advancements have been accomplished.

7.2.1 Client / Server Applications:

The customer or garcon operation and web operation is one of the innovations. to maintain accurate records of the norms that associations or groups share. Operations for customers or garcons are utilized. This is unquestionably priceless for any organization. The consumer gave this operation its name. Additionally, individuals can utilize this program simultaneously on several biases. This program operates extremely quickly and with little security. Customer/ garcon operation are given below:

- ✓ It is initially set up on the stoner's laptop.
- ✓ Drug addicts can't become too numerous in the interim.
- ✓ Precious.
- ✓ Robust

7.2.2 Web Applications:

Web operations rely on the web operation frame and are PC-dependent. The app will be usable on a different device in about the same length of time. There is no additional software included with this program to carry out the initial functions.

- ✓ Lack of stoner restrictions and capacity to act quickly.
- ✓ This application may be found at the drive URL.
- ✓ There's no installation required.
- ✓ Access fluently.
- ✓ Faster workshop.

7.3 Recommendation & Justifications:

We have preliminary bandied the many forms of activities and liabilities, as well as the major advantages of the suggested system, to obtain the ideal outcome for it. A web garcon indicates that the web operation is compatible with the system we provide in a discrepancy. Access from anywhere with an internet connection, affordability, lack of installation requirements on any device, quick and simple upgrades, and many more benefits. It follows that the solution we provide is most suited for a web garcon operation.

CHAPTER 8

IMPLEMENTATION AND TESTING

8.1 Front End Design

Two portions are frequently used to plan the front end. the front-end web development and website architecture. For our front-end strategy, Laravel, HTML, and CSS were employed. Textual styles, drop-down menus, agreement structures, and other elements are included in this section. We provide some front-end planning for landing pages.

8.2 Back End Design

Three components are frequently used to design the rear end. a server, a program, and some data. Users enter the data that is needed, and the server-made data sets are where the program saves it. We mostly used phpstorm 2019.1, the Laravel system, etc.

8.3 Implementation of database

Any design of an administrative frame must include a database. In fact, we want to store completely unique facts in our information collection. We often adhere to information that is determined by our needs and retain the word. However, I used to run an internet business, so I have some understanding. Word is MySQL. On the odd chance that I use the MySQL data set, I really want to stop worrying about the garcon and easing. MySQL supports each of these which is shown in figure 8.1 and figure 8.2.

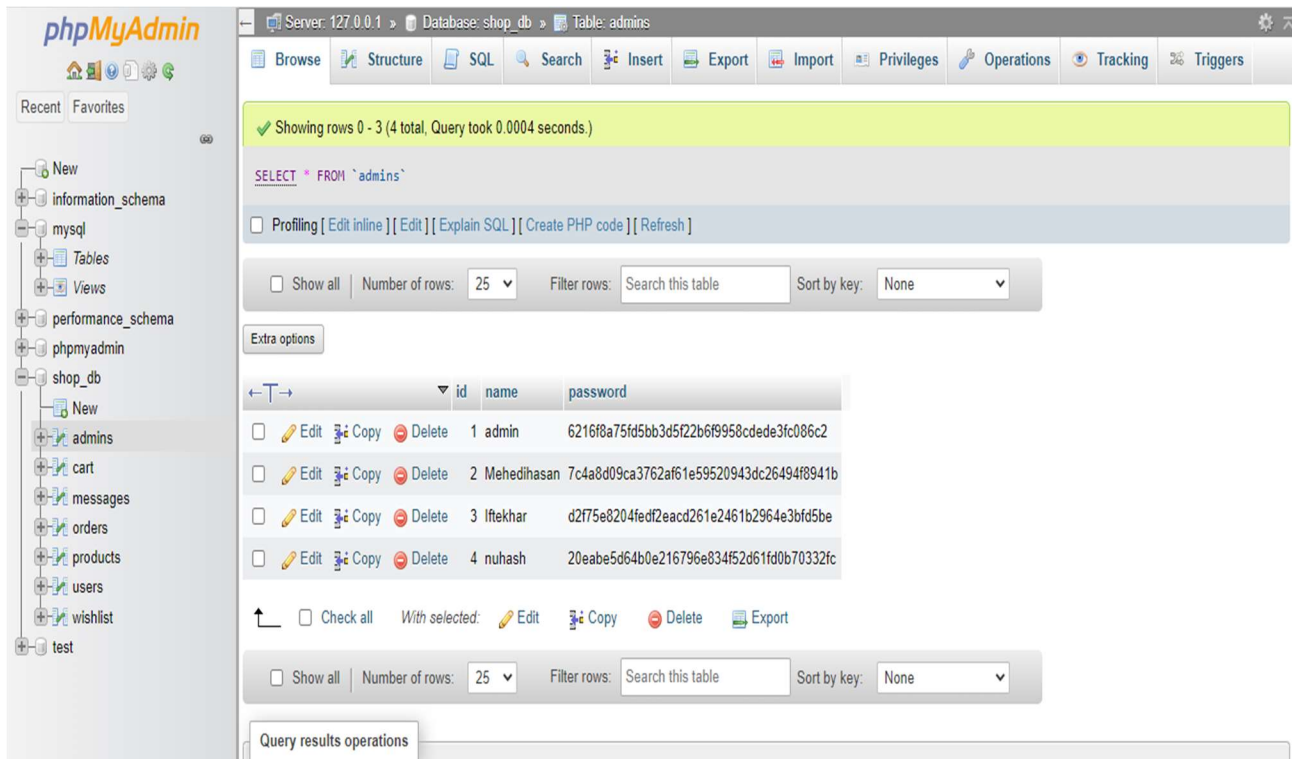


Figure 8.1: Database Implementation of Admin

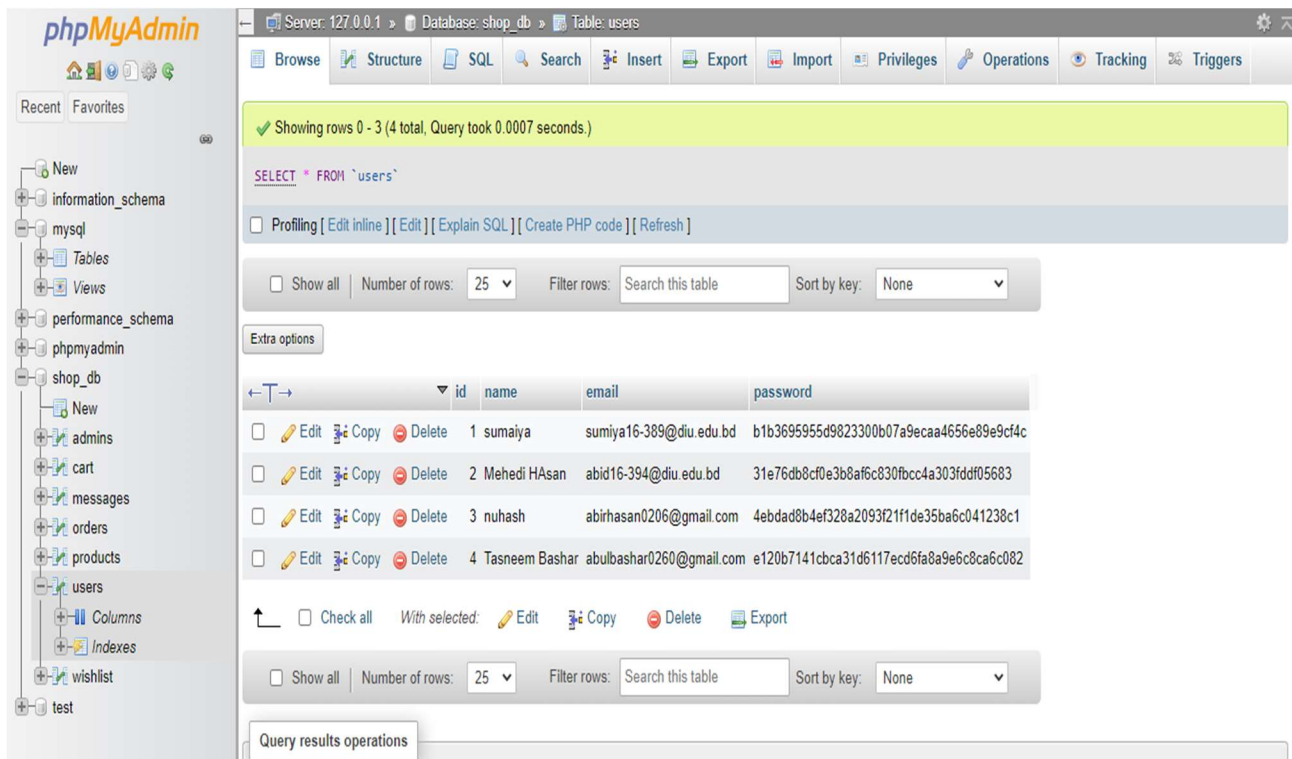
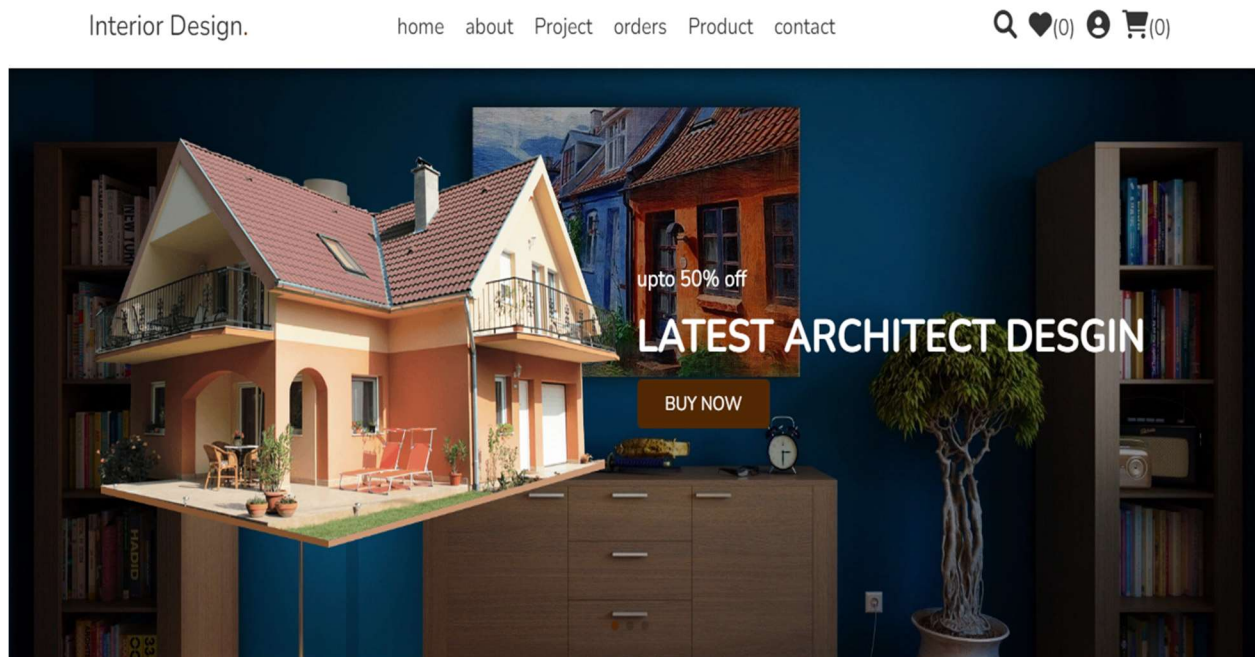


Figure 8.2: Database Implementation for user

8.4 Implementation of Front-End Design

Simplifying an online operation's user interface while keeping costs down is crucial for success. Due of its lack of affordability and accessibility, people won't be interested. I keep my business to myself, making it a seductive user interface for drug users. There are several module kinds in this challenge. Customer and director modules are also present. Because consumers won't be interested in using the appliance if there are difficulties in understanding it. To build seductive user interfaces for drug users, we often cause real difficulties. In our challenge, there are many types of modules, including the stoner module and the director module that's given bellow:



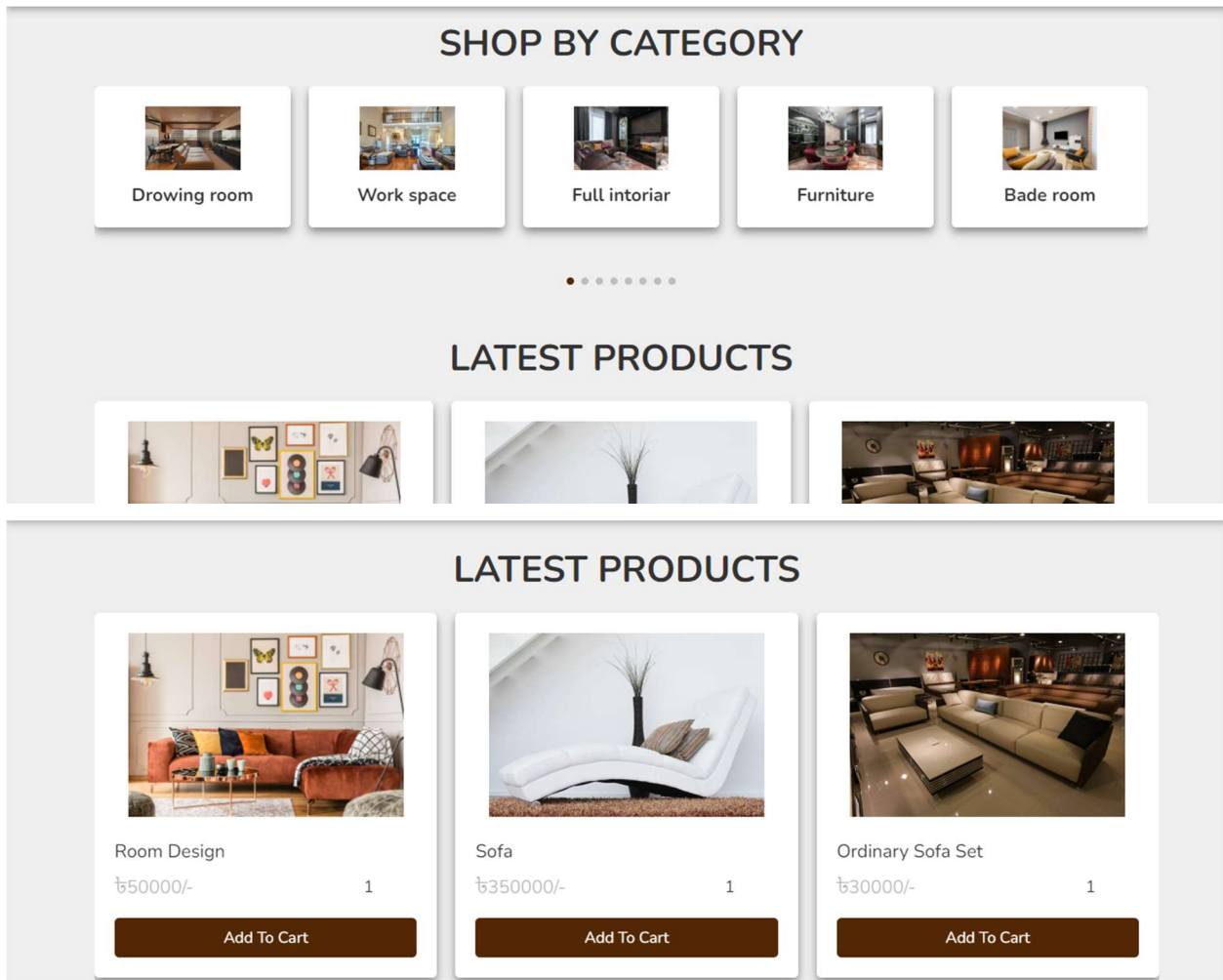


Figure 8.3: User Homepage

8.5 User Module:

There are several aspects in the stoner module that have never been displayed before. I immediately validated this module's many capabilities. Every stoner needs first register for this logon.

REGISTER NOW

already have an account?

registered successfully, login now please! ×

REGISTER NOW

Figure 8.4: Users Register page

SHOPPING CART



Sofa

₹350000/-

1



Sub Total : ₹350000/-

Delete Item

Grand Total : ₹350000/-

Continue Shopping

Delete All Item

Proceed To Checkout

Figure 8.5: Shopping Cart page

YOUR ORDERS

Sofa (₳350000/- x 1)

grand total : ₳350000/-

PLACE YOUR ORDERS

your name :	your number :
<input type="text" value="Mehedi"/>	<input type="text" value="123456789"/>
your email :	payment method :
<input type="text" value="abid16-394@diu.edu.bd"/>	<input type="text" value="Cash on Delivery"/>

address line 01 :	address line 02 :
<input type="text" value="184/3, Damdama West, Panchbibi, Joypurhat"/>	<input type="text" value="tjfd"/>
city :	state :
<input type="text" value="dhaka"/>	<input type="text" value="Bangladesh"/>
country :	pin code :
<input type="text" value="Bangladesh"/>	<input type="text" value="5910"/>

Place Order

Figure 8.6: Orders page

8.6 Admin Modules :

The admin Module is also available. We require an admin site in order to monitor and maintain the whole operation of a successful website. And that's are shown here:

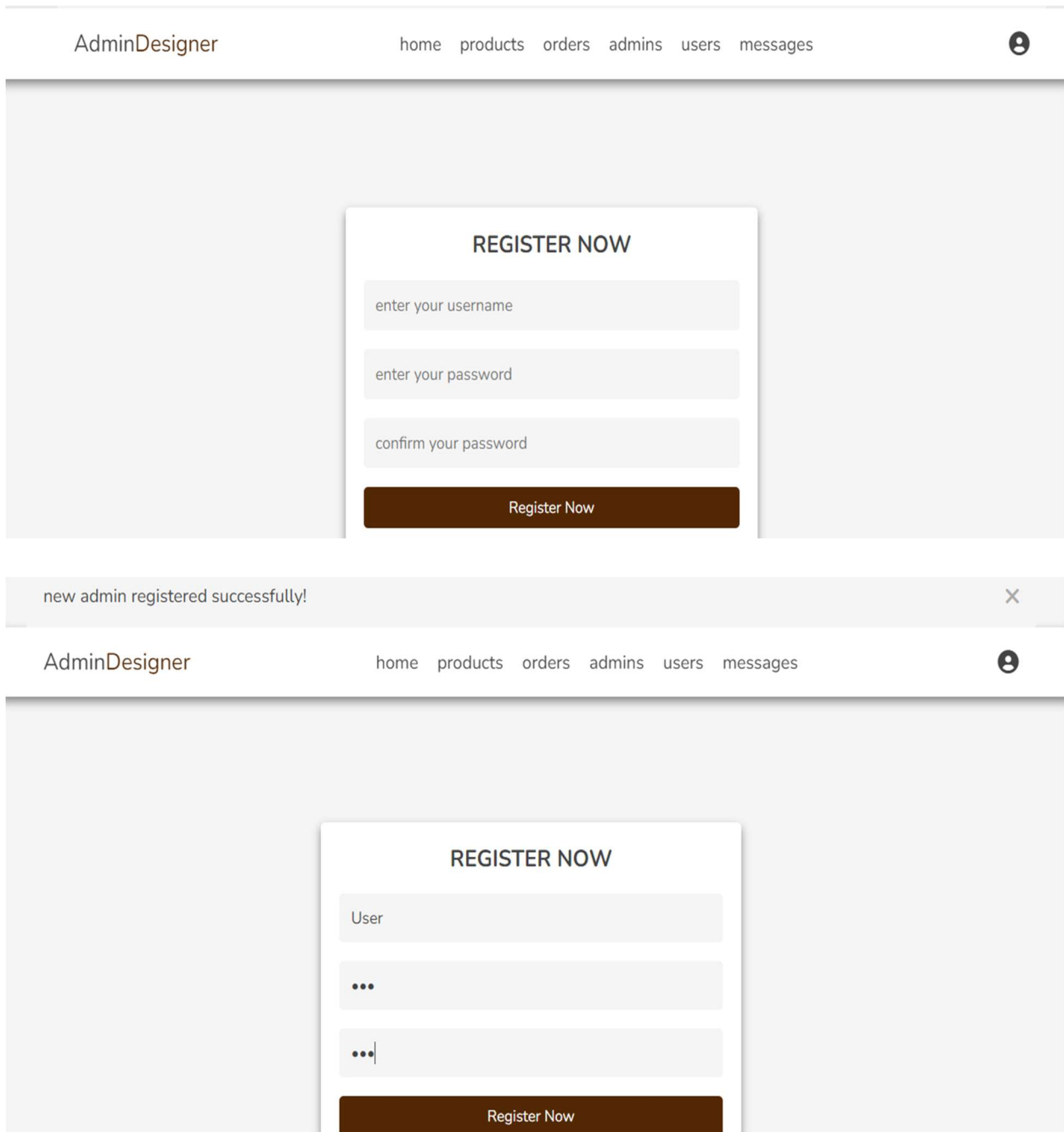


Figure 8.7: Admin Register page

<p>placed on : 2023-01-10</p> <p>name : ABID HASSAN</p> <p>number : 0196129921</p> <p>address : flat no. 184/3, Damdama West, Panchbibi, Joypurhat, kjhsdgkldmfs, Panchbibi, Bangladesh, Bangladesh - 5910</p> <p>total products : Room Design (50000 x 2) -</p> <p>total price : ₳100000/-</p> <p>payment method : credit card</p> <p>completed <input type="button" value="v"/></p>	<p>placed on : 2023-01-12</p> <p>name : Mehedi</p> <p>number : 123456789</p> <p>address : flat no. 184/3, Damdama West, Panchbibi, Joypurhat, tfjfd, dhaka, Bangladesh, Bangladesh - 5910</p> <p>total products : Sofa (350000 x 1) -</p> <p>total price : ₳350000/-</p> <p>payment method : cash on delivery</p> <p>pending <input type="button" value="v"/></p>
---	---

Figure 8.8: Admin details page

ADD PRODUCT

product name (required)	product price (required)
<input type="text" value="enter product name"/>	<input type="text" value="enter product price"/>
image 01 (required)	image 02 (required)
<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Choose File"/> No file chosen
image 03 (required)	product details (required)
<input type="button" value="Choose File"/> No file chosen	<input type="text" value="enter product details"/>
<input type="button" value="Add Product"/>	

Figure 8.9: Add Product page

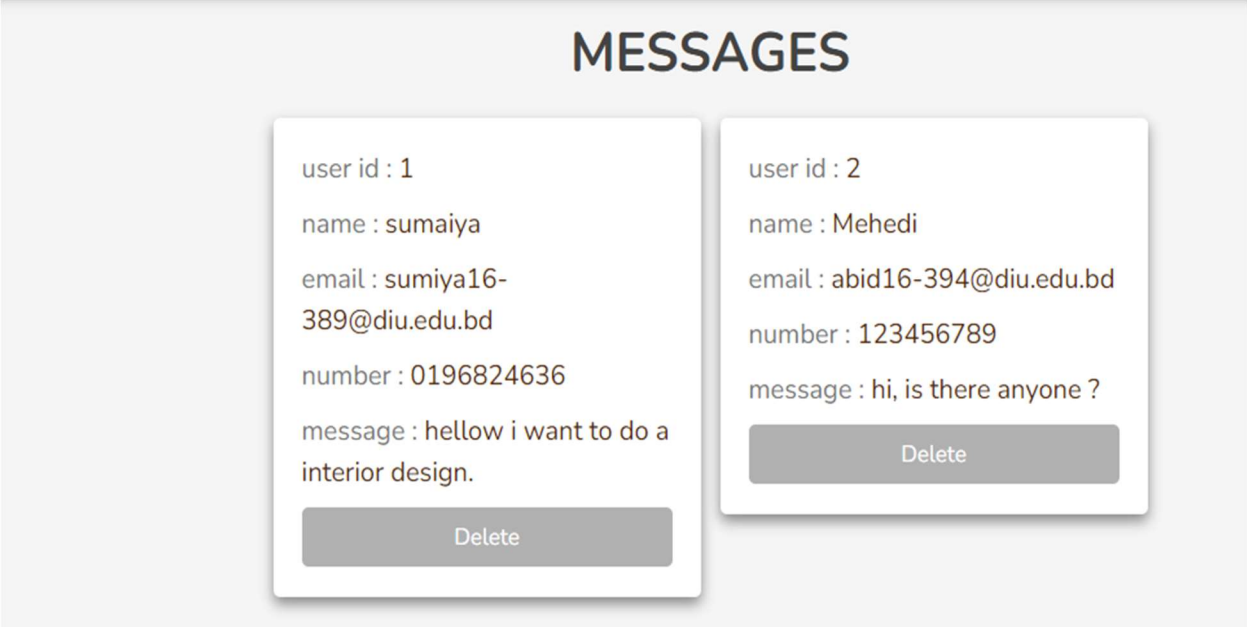


Figure 8.10: Messages page

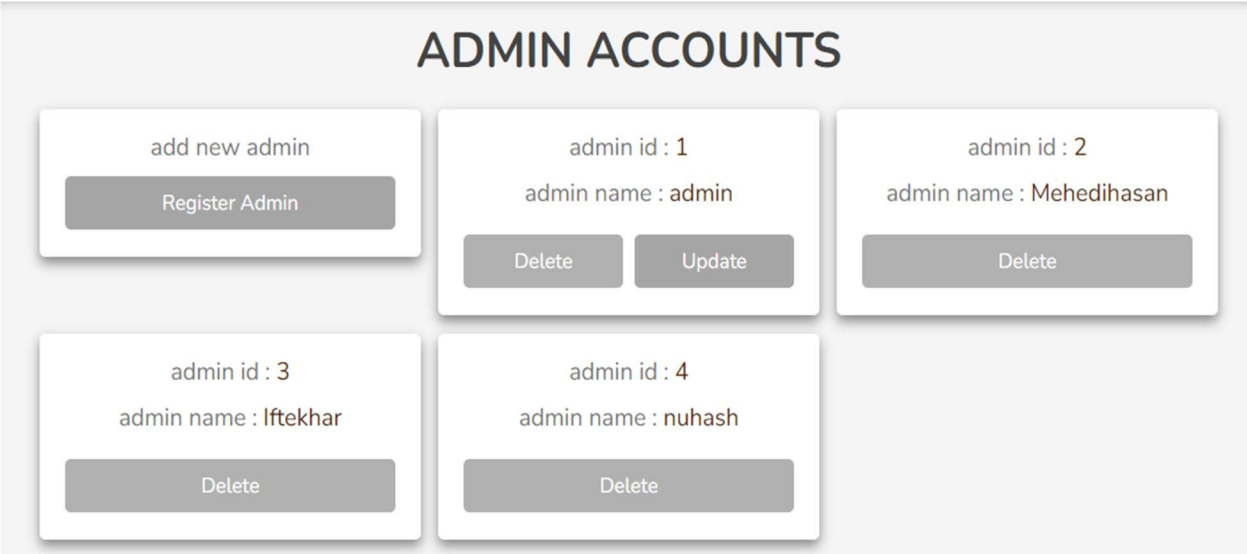


Figure 8.11: Admin Accounts

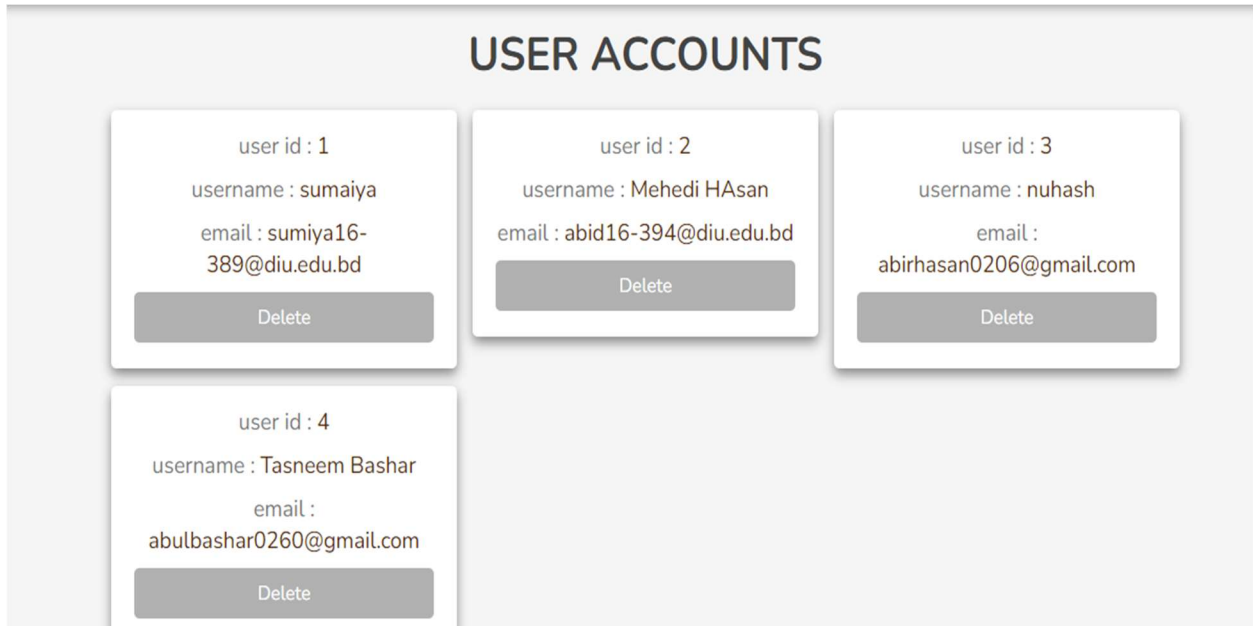


Figure 8.12: User Accounts

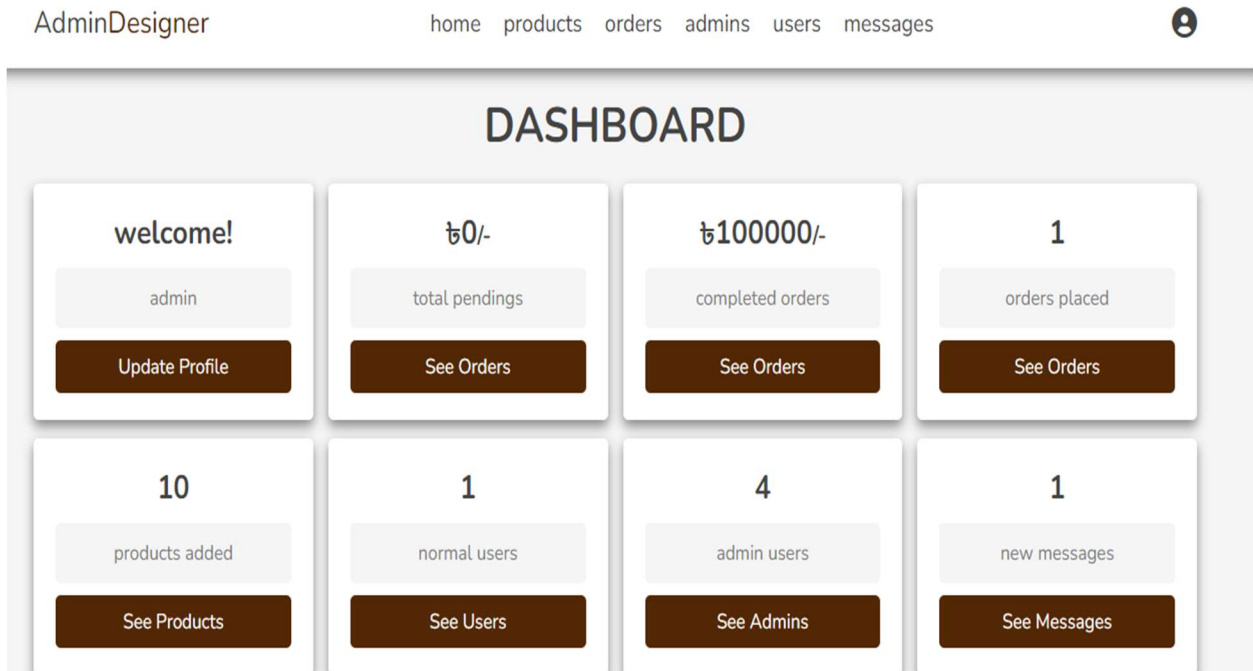


Figure 8.13: Dashboard

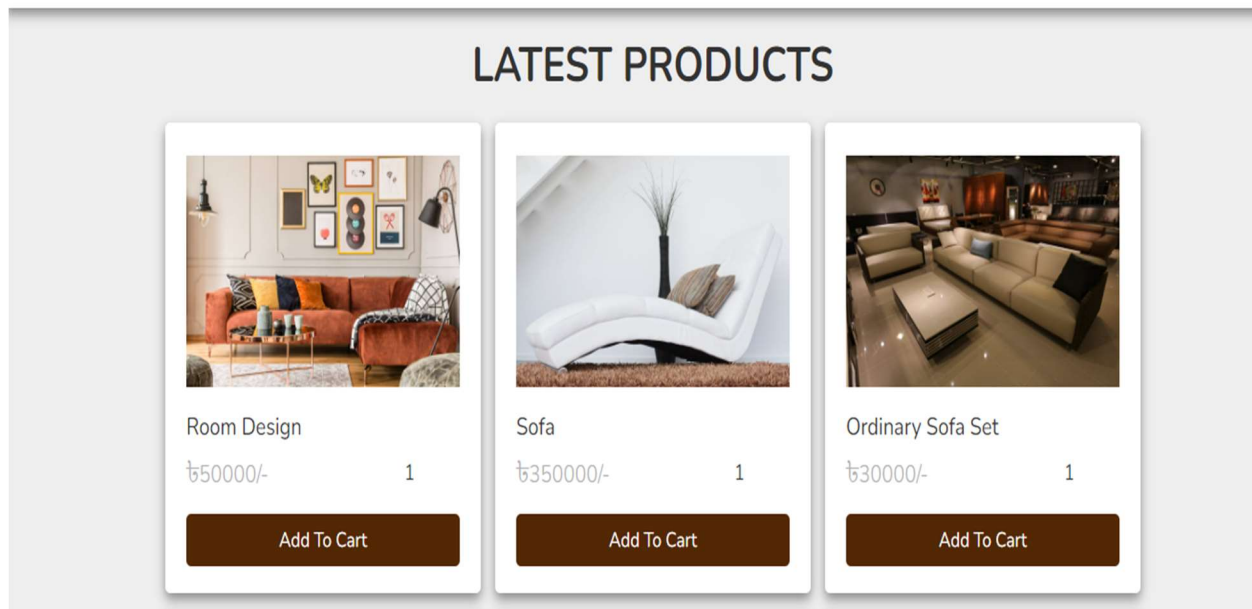


Figure 8.14: Latest Products

8.7 Testing Implementation:

After tossing the entire web application successfully, I tried to test this in a variety of ways, as indicated in the table. My whole system has been tested with every customer and administrative module.

Table 8.1: The table of tested with full module of the Customer.

SI No	Test case	Input	Expected outcome	Actual output	Result
1	Show the website	Tests on Chrome and the US browser	a successful display	Display successful	Passed
2	Login name	Wrong	Failure to login	Failure to login	Passed
3	incorrect or blank pass	False password	Failure to login	Failure to login	Passed
4	Login name	Enter a character	Special characters are prohibited.	permitted are letters and whitespace	Passed

Table 8.2: The table of tested with full module of the Administration.

SI No.	Test case	Input	Expected outcome	Actual output	Result
1	send an email	Don't enter @	Unreliable email	Unreliable email. essential @	Passed
2	Authentic phone number	Enter a number here	correct	Correct	Passed

8.8 Testing Result and Reports

We want to test out the utility for staring bugs. I encountered several insects when checking out. What's worse is that I almost-messes with what I have corrected. I truly want more people to check out my service than I can with less additional complexities.

CHAPTER 9

CONCLUSION AND FUTURE SCOPE

9.1 Discussion & Conclusion:

I created a "Interior & Exterior Design Management System" to streamline the interior system. Consequently, a system for internal operations is not a good system. The main objective of my design is to create an internal operating system that would make administering an association straightforward. I use PHP for software development. My website designs are created using HTML and CSS. The language I'm using is PHP. because it is easy and free to use thanks to PHP. PHP is a service-based coding language with several features designed for a variety of online users and activities. Due to its proficiency in PHP website construction, it is safe, swift, and trustworthy. It also offers a variety of additional features that make it useable by a huge number of people. Consider the factors that make PHP the most widely used language for commercial websites. There are several benefits to using PHP. This is why I upgrade my system using PHP.

9.2 Further Development:

Online systems are frequently flexible systems. It grows daily, bringing better and more modern technology to make people's lives simpler. May this be an inventive internet mileage that could facilitate communication between experts and patients? We believe we are qualified to bring this trend into the future and develop in fortune. Enhancement features and user interface will already be past due to luck. Our equipment has historically been user-friendly, but we may decide to make it more so in the future. No development project can cease growing. So, if I want to continue this experience in the future, I'll have to stumble. Then, there are several different plans given under:

- I may upgrade the payment system to SSL Commerce.
- I'm qualified to put an announcement on any stoner and administrator profile. It's possible that a stoner may schedule a data download.
- The authority for the event operation may upload to the online reservation process.
- The system for user and administrator log-ins might be improved to include safety mechanisms.

REFERENCES

- [1] Agile Design << <https://orionadvisortech.com/blog/why-were-moving-to-agile-software-development/?print=print> [Last Accessed 30.10.2022].
- [2] Agile Approach << <https://agile-mercurial.com/2018/07/09/a-full-lifecycle-agile-approach-dynamic-systems-development-methodology-dsdm>. [Last Accessed 5.11.2022].
- [3] HTML, CSS, PHP << [https:// www.w3school.in](https://www.w3school.in) [Last Accessed 10.11.2022]
- [4] Software Development << <https://airbrake.io/blog/software-development/dynamic-systems-development-method-agile> [Last Accessed 15.11. 2022]
- [5] Waterfall Model << <https://www.ionos.com/digitalguide/websites/web-development/waterfall-methodology/>[Last Accessed 20.11.2022].
- [6] Concept << <https://laravel.com/docs/4.2> [Last Accessed 25.11.2022]
- [7] My Sql << << <https://www.w3resource.com/mysql/mysql-storage-engines.php> [Last Accessse02.12.2022]

APPENDIX

Appendix A: Project Reflection:

Any product for Interior & Exterior Design, as well as room scenery, must be ordered online or from another source. I do want to create a website to promote interior and exterior design while promoting domestic e-commerce. People and developers who plan to get this service from their homes may benefit from this. By following this methodology's development process, the client and developer in our nation are able to establish positive relationships, generate a lot of new ideas, and expand their options over time. It is true that one can order a bespoke 3D model design and receive their desired product.

PLAGARISM

Plagiarism Report:

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