

**INTERNSHIP ON WEB DESIGN AND DEVELOPMENT E-  
COMMERCE WEBSITE DEVELOPMENT  
(smartcomputer.com)**

By

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This Report Presented in Partial Fulfillment of the Requirements for the  
Degree of Bachelor of Science in Computer Science and Engineering

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Daffodil International University

Date of Submission: 8<sup>th</sup> July 2020

# APPROVAL

The internship titled “**An Internship Report On Web Design and Development of E-Commerce Application**”, submitted by Surma akter shila ID: 161-15-878 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science. in Computer Science and Engineering and approved as to its style and contents. The presentation will be held on 8<sup>th</sup> July 2020.

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# DECLARATION

I accordingly articulate that this endeavor has been done by me under the supervision of Ms.Tania khatun, Lecturer, Department of CSE, Daffodil International University. I likewise report that neither this endeavor nor any bit of this assignment has been submitted elsewhere for the respect of any degree of affirmation.

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## ACKNOWLEDGMENT

I have completed my internship from mamrin studio at House No 25/2,flat No-5A,purana paltan lane,paltan,Dhaka-1000 from 10/03/2019 to 29/09/2019 .

My situation report won't be potential while not contribution of few folks. At first, I need to precise our deepest sense of feeling of almighty God. I would prefer to categorical my sincere feeling to my supervisor tania khatun , Senior Lecturer of department of computer science & Engineering, Daffodil International University for his unimaginable support & tips throughout the complete situation project execution.

Next I would like to Md. Shakhawat hossain , chief operating officer, mamrin studio at House No 25/2,flat No-5A,purana paltan lane,paltan,Dhaka-1000 . He has been extremely supportive to me I can't thank enough to all the individual of mamrin studio. They have explained everything I asked for in details. Throughout time they were never impatience. They didn't permit me to feel awkward for even a second. I am extremely appreciative to just for their supportive and friendly behavior.

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## **ABSTRACT**

The Internship Report gives a clear overview of the company in mamrin studio , where I am doing my internship. It also mentioned details of the company's working field, work environment, services and many other technologies. The report actually highlights the skills and technologies I learned, knowledge I acquired, the projects I was assigned to the working sector. My internship activity includes the graphical interphase & frontend developers Tools and so on. I had totally involved in the activity of Coding and graphical view. The internship program is an integral component of the Bachelor of Science in the Final year project/internship course computer science and Engineering, Daffodil International University. The principal cause behind this program is to provide students with valuable insights into the industry-oriented side of web-engineering. In my case, I think, the goal is successfully achieved.

# Chapter 1: Introduction

## 1.1 Project Overview

The internship can be measured as a practical test for practical exposure to theoretically acquired knowledge and to start building your career to become aware of an organization and confident enough to enter the service life. Since graduating from the outside world is far more competitive for anyone, the computer science and engineering department of Daffodil International University offers opportunity to build on this capability with the most appropriate opportunities. The student gets the opportunity to apply his theoretical knowledge and practical skills that he has acquired to his graduate students throughout his life. This documentation includes the details of our project work during an internship with mamrin studio.

When I was doing an internship at mamrin studio, the project was developing "Developing an Online e-commerce site". This report is created to describe the processes and tasks at various levels of online system development. In this report, I describe each section of the development department with the appropriate diagram.

## 1.2 Motivation

This is a little venture and the necessities are surely known. This model is basic and straightforward and use. The cascade model is anything but difficult to actualize and the measure of assets required is insignificant. Because of the unbending nature of the model, it is anything but difficult to work - every scene has a particular deliverable and a survey procedure

## 1.3 Objective

Objective of this project is:

- Users can make an order his/her product with the order area according to his/her interest.
- To build up a framework that robotizes the procedures and flexibly arrangement of the Online electric instrument Ordering System as indicated by the client's advantage.
- Design and develop an Online Ordering System to facilitate effective management for all users.
- To build a fully functional and easier way to manage an online shop. Like,
  - ✓ Develop the system for online purposes.
  - ✓ Save people time and effort.



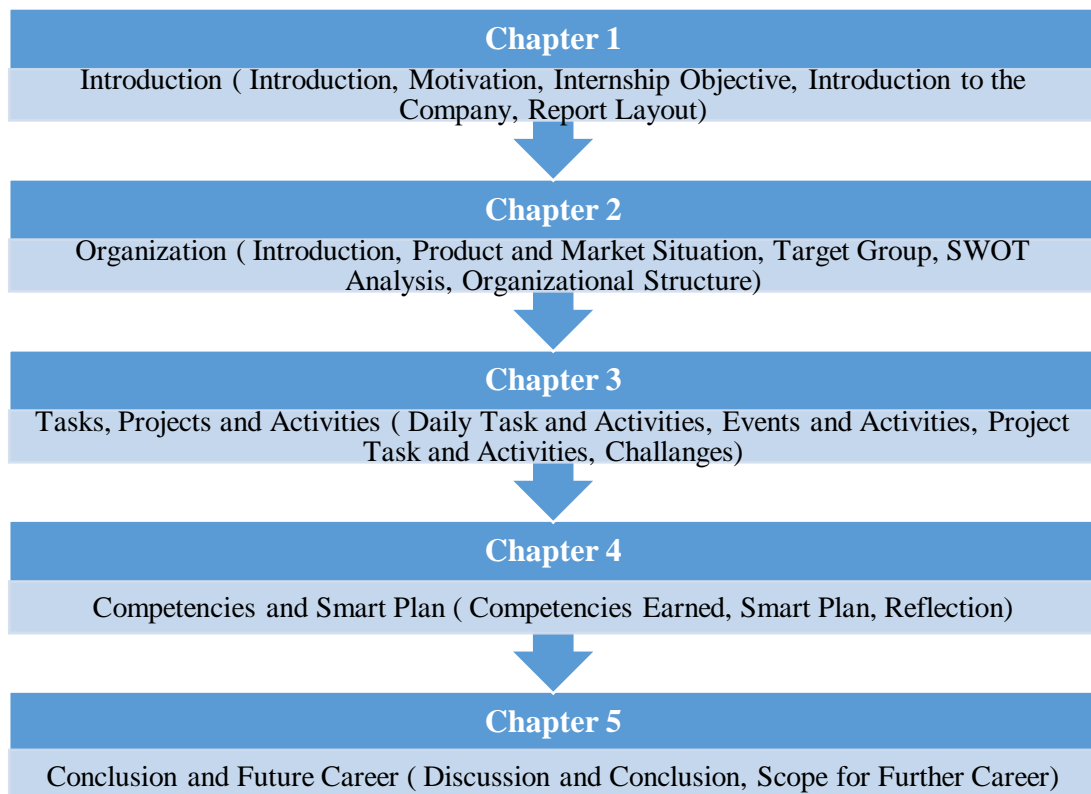
- ✓ Develop a system that must satisfy customer service.
- ✓ To design a system capable of accommodating a large number of orders at a time.

## 1.4 Company Overview

Mamrin studio- is a fully featured web solution, software development, graphic and multimedia, 3D designing, domain hosting and online marketing services provider company in Bangladesh. It has more than 5 years of experience in various and complex designs and development with highly skilled designers and developers with Mamrin studio clients satisfied with services such as web design and development, software development, social media designing and development.

## 1.5 Project Layout

The picture says a lot about a topic, so to get a better idea of the project it is best to present the entire project in a simple way through a diagram. The project report has five (5) chapters. An overview of this chapter is summarized below as a summary of the Internship Report:



**Figure:** project layout

# Chapter 02: Organization

## 2.1 Introduction

Mamrin studio has redirected our endeavors to fill in as a client-driven and one-stop arrangement supplier in the IT field. In all of our cases, the activities make a solid effort to comprehend the customer's needs and give a Mamrin studio arrangement. We unequivocally acknowledge 'our vision is to make every adolescent gifted and secured'. We are pleased with a group of profoundly talented, gifted and roused professionals who Leadership, development, and enormity are energized. Our group is involved top professionals who share a typical vision and energy, furnishing our customers with analysis and experiences and direction for achievement in the present aggressive condition. We trust in giving aptitude, enormity benefits through our past experience, and furnishing our customers with the most outrageous and best end utilization of the administrations.

## 2.2 Products & Services of Mamrin studio

### 2.2.1 Products

Mamrin studio is an information technology service provider providing professional and creative software, enterprise software integration, management information, e-commerce, game development, web application solutions to all kinds of professionals worldwide.

**Creative-** We create devices and software for you. We take problems and give a creative solution.

**Web Development-**We have the best in class team who provide professional and responsive website with backend support.

**Digital Marketing** -We offer various kind of packages to make your company best in the internet world.

**Customized Hardware** -We develop customized hardware for your need and make good integration with software.

### 2.2.2 Services

Mamrin studio Solution was born as a one stop skills development platform provider. Their offerings coupled with the impeccable team behind it ensures satisfaction of client needs in relation to their characteristics.

## 2.3 Target Group

Mamrin studio's for the most part target gathering are worldwide gathering, Joint endeavor organization the individuals who need to make their site or redesign their site. Web Tech has additionally some instructional class for the understudy who truly needs to find out about web improvement, internet business and subsidiary promoting.

## 2.4 SWOT analysis

SWOT appraisal is a fundamental thing planning contraption that can be utilized by Mamrin studio boss to complete a situational assessment of the alliance. It is an important methodology to get a handle on the current Strength (S), Weakness (W), opportunity (O) and Threats (T) mamrin studio Universes glancing in its current business condition.

Mamrin studio is one of the key connections in its industry. Mamrin studio keeps up its unmistakable situation in the market through cautiously exploring and researching the SWOT evaluation. SWOT evaluation a colossally careful framework and requires commonsense coordination among different workplaces inside the relationship, for example, – driving, account, endeavors, the official's data structures, and key engineering.

### 2.4.1 Strengths of Mamrin studio

As one of the most key associations in its industry, Mamrin studio has different attributes that empower it to prosper in business centers. These qualities, not simply ensure the bit of pie in the current market yet moreover helps in entering another market. some segment of the qualities of Mamrin studio–

- ✓ Profoundly compelling at Go to Market systems for its things.
- ✓ Strong free income.
- ✓ fruitful reputation of incorporating complimentary firms through mergers and acquisitions.
- ✓ A fruitful reputation for growing new items.

### **2.4.2 Weakness of Mamrin studio**

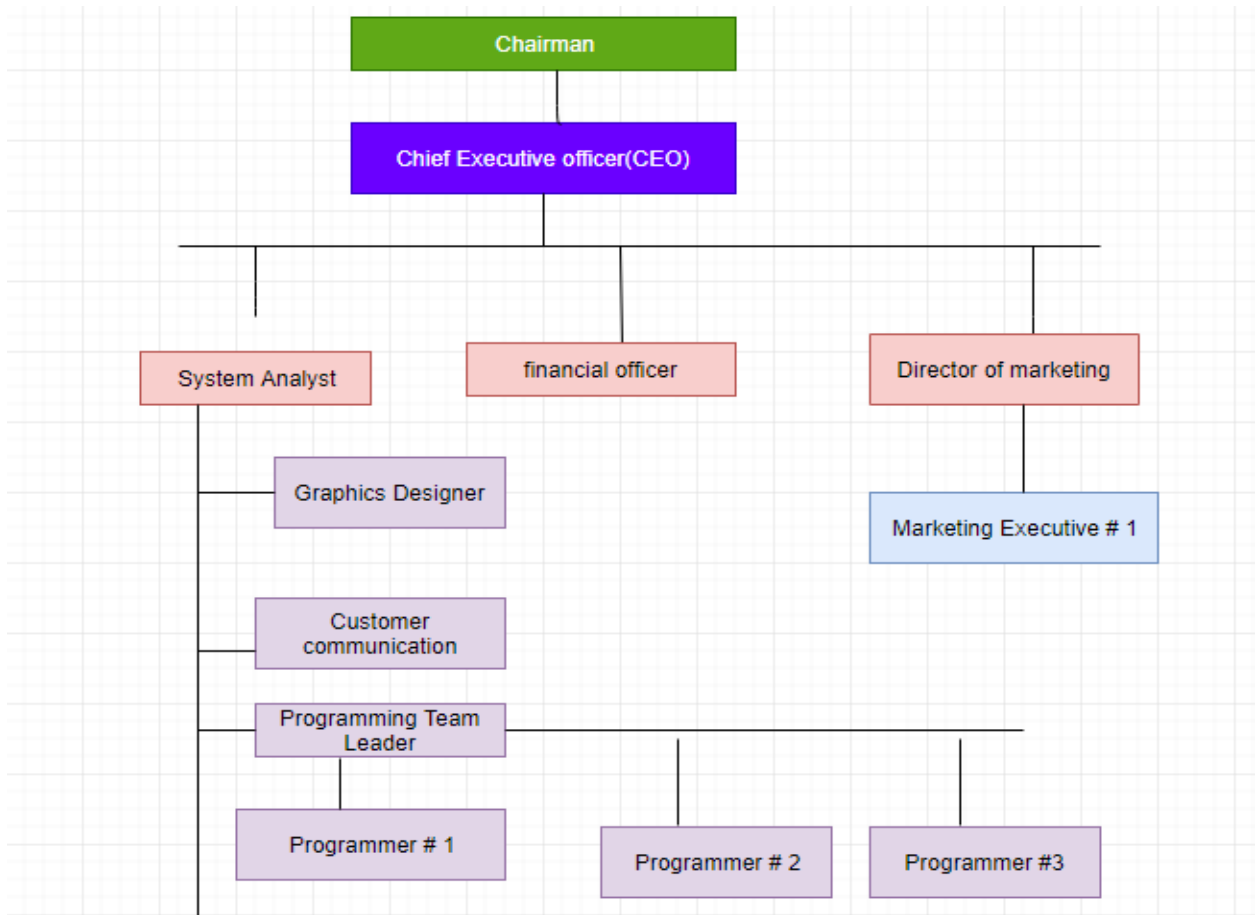
- ✓ More investment in new technology is needed.
- ✓ Product demand forecasting is not very good, leading to higher rates of missed opportunities than its competitors.
- ✓ Limited success outside of core business.
- ✓ The division has not had the option to adapt to the difficulties presented by the new contestants and has lost a little piece of the pie in Kullingi..
- ✓ Financial arranging isn't done appropriately and proficiently.
- ✓ There are holes in the item extend sold by the organization..
- ✓ Profitability proportion and Net Contribution% of Mamrin studio are underneath the business normal..

### **2.4.3 Opportunities for Mamrin studio**

- ✓ The market advancement will prompt the weakening of the contender's bit of leeway a chance to Mamrin studio to rehearses separated estimating methodology in the new market.
- ✓ Economical uptick and augmentation in client spending, following quite a while of the downturn and moderate progression rate in the business.
- ✓ Stable free pay offers opportunities to place assets into coterminous thing partitions.

## 2.5 Organizational Structure

The structure of my organization is drawn below:



**Figure:** Organizational Structure

## Chapter 03: Task Project and Activities

### 3.1 Daily Task and Activities

Mamrin studio is extraordinary compared to other organization in our nation. Here I Doled out an Internee for 70 Days. Here I learn and practice about front end structure for Web composition and created. As an apprentice engineer, I Practice in this organization HTML and CSS, PHP, Laravel . HTML and CSS are most significant for front end web architecture and for Backend I used PhP. I consistently work in this IT Organization 09:00 am to 5:00 pm in three days. I work there in a group.

WEEK	TASKS LIST
1 <sup>st</sup>	<b>HTML</b> <b>Basic Concept</b> (WWW & HTTP, HTTPS ) <b>Basic HTML</b> (Tags, Attributes, Paragraphs, Heading, Line Breaks, Lists, Table, Font etc.). <b>HTML Forms</b> (Input, Text Fields, Password, Checkbox, Radio Button, Text areas, Files, Buttons etc.).
2 <sup>nd</sup>	<b>CSS</b> <b>Basic CSS</b> (Selector, Internal CSS, External CSS, Inline CSS, Class, Id, background, font, text, padding, margin, border, hovering, pseudo Class & elements etc.). <b>Advanced CSS</b> (border-radius, opacity, position, float, display, visibility, transition box-shadow, gradient, text-effects). Template design using CSS div.
3 <sup>rd</sup>	<b>. PHP</b> <b>Basic PHP</b> (Syntax, Comments, Variables, Echo / Print, Data Types, Strings, Numbers, Constants, Operators, if...Else...Elseif, Switch, Loops, Functions, Arrays, Superglobals) <b>PHP Advanced</b> (PHP Advanced, PHP Date and Time, Include, File Handling, File Open/Read, File Create/Write, File Upload, Cookies, Sessions, Filter, Filters Advanced, JSON)

4 <sup>th</sup>	<b>PHP OOP</b> (What is OOP, Classes/Objects, Constructor, Destructor, Access Modifiers, Inheritance, Constants, Abstract Classes, Traits, Static Methods, Static Properties)
5 <sup>th</sup>	<b>Laravel</b> Introduction, Application Structure, Configuration, Routing Parameter, Request, Controllers, Middleware, Views, Passing Data to Laravel Views, Blade Templates, Master Blade Template, Forms Migrations, Laravel database .

Table 3.1: Daily Task and Activities

## 3.2 Project Task and Activities:

### 3.2.1 Requirement

The requirements define, document, and maintain processes, and specify the subfields of system engineering and software engineering associated with this process. Designing and building a great computer program that solves the wrong problems that you don't need. This is why it is important to understand what customers want before we start designing and building computer-based systems.

Prerequisites incorporate undertakings that lead to understanding the business effect of the product, what the client needs and how the end-clients will connect with the product. Prerequisites are characterized on account of major operational understanding issues in building

#### **Solution determination:**

Indicating an answer that is trial, justifiable, viable and fulfills the task quality rules. The prerequisite is firmly identified with software building, which reveals more insight into the way toward planning the framework that clients need.

- User Requirements.
- System Requirements.
- Functional Requirements.
- Non-Functional Requirements.

**Administrator can ready to oversee item.**

**Administrator can ready to oversee item class.**

## **User Requirement**

### **Admin:**

- Administrator can ready to oversee item.
- Administrator can ready to oversee item class.
- Admin can able manage custom product.
- Admin can able manage product order.
- Admin can able manage product payment.
- Admin can able to manage delivery.
- Admin will be able to send confirmation messages to user.

### **User:**

- User can browse the product.
- User can check product category.
- User can buy product from online.

## **System requirement**

### **Admin:**

#### **Admin can manage product**

- ➔ Admin must login.
- ➔ Admin see total of products.
- ➔ Admin able to add product.
- ➔ Admin able to update products related details.
- ➔ Admin able to take action.

#### **2. Admin can able to create category**

- ➔ Admin can add product category.
- ➔ Admin can update product category.
- ➔ Admin view product category.

#### **3. Admin can able to manage order**

- ➔ Admin can view order
- ➔ Admin can delete order

#### **4. Admin can able to manage payment**

- ➔ Admin can check payment

#### **5. Admin can able to manage delivery**

- ➔ Admin able to confirm delivery



### **3.2.2 Functional requirements**

#### **Admin:**

- View all information
- Add product
- Update product
- View product
- View category
- Update category
- Add category description
- Add product image
- Add product description
- View all customer details
- Delete customer details
- Login
- Logout

#### **User:**

- Login
- See product list
- Customize the product
- Order the product
- Give payment
- Logout

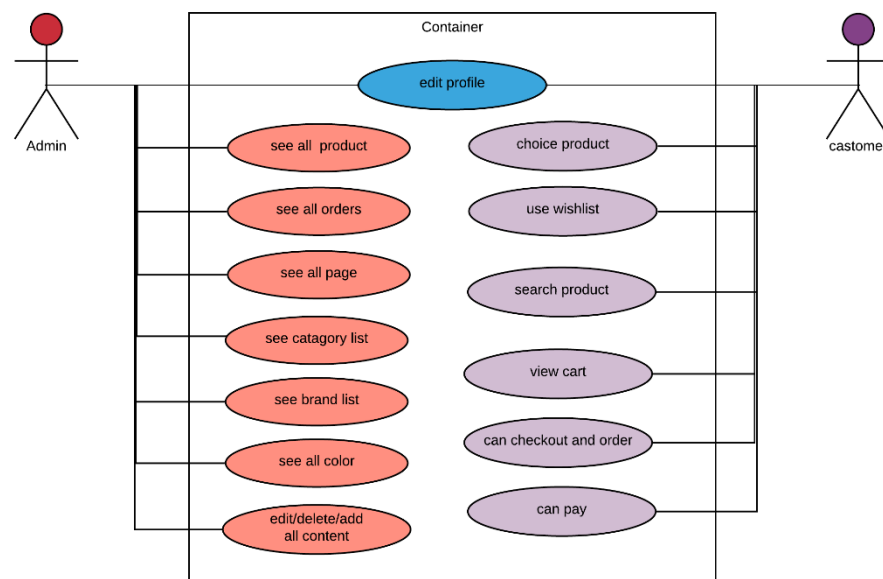
### **Non-Functional Requirements**

#### **Security requirement:**

- Each user has his own account
- Users have to login with his own password.
- Password will be encrypted

### 3.2.3 Use Case Diagram

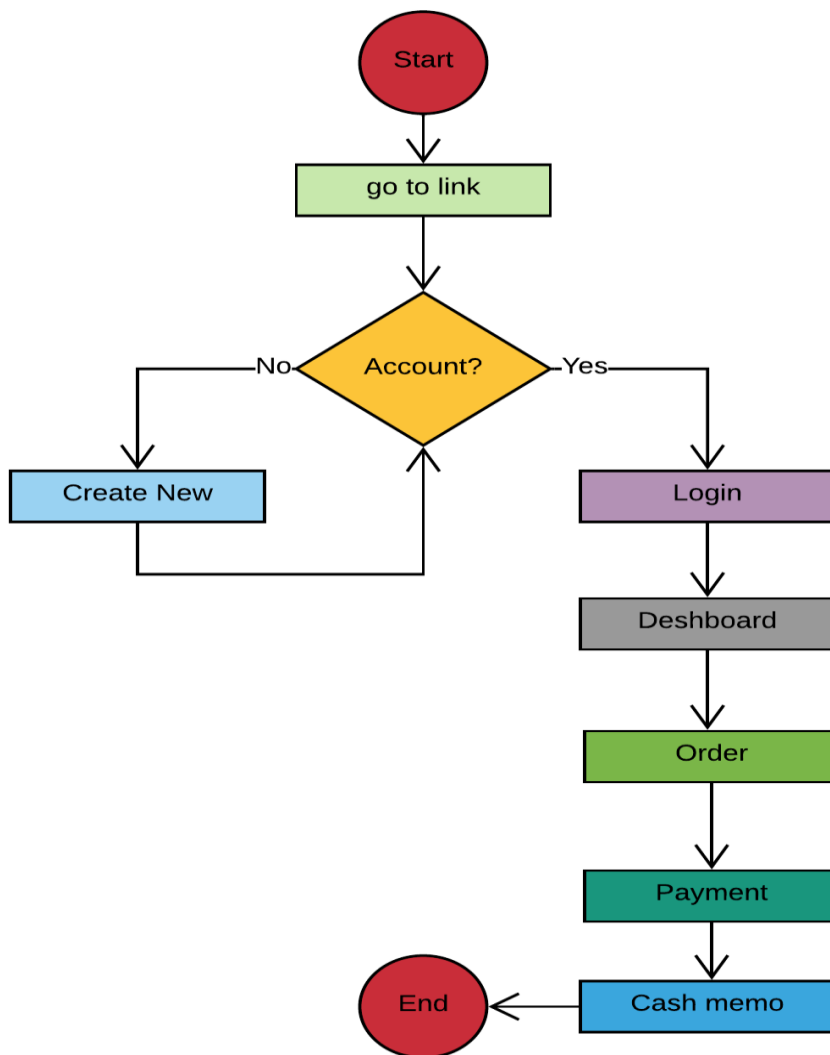
A use case diagram at its simplest is a portrayal of a client's connection with the framework that shows the connection between the clients or on-screen characters and the distinctive use cases in which the client is included



**Figure 3.1** Use case diagram

### 3.2.4 Flow diagram

Flow diagrams describe the workflow behavior of a system.

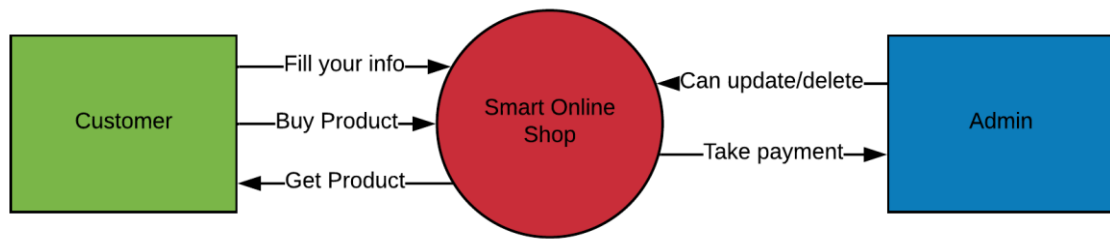


**Figure 3.2: Flow Diagram**

### 3.2.5 Data Flow Diagram (DFD)

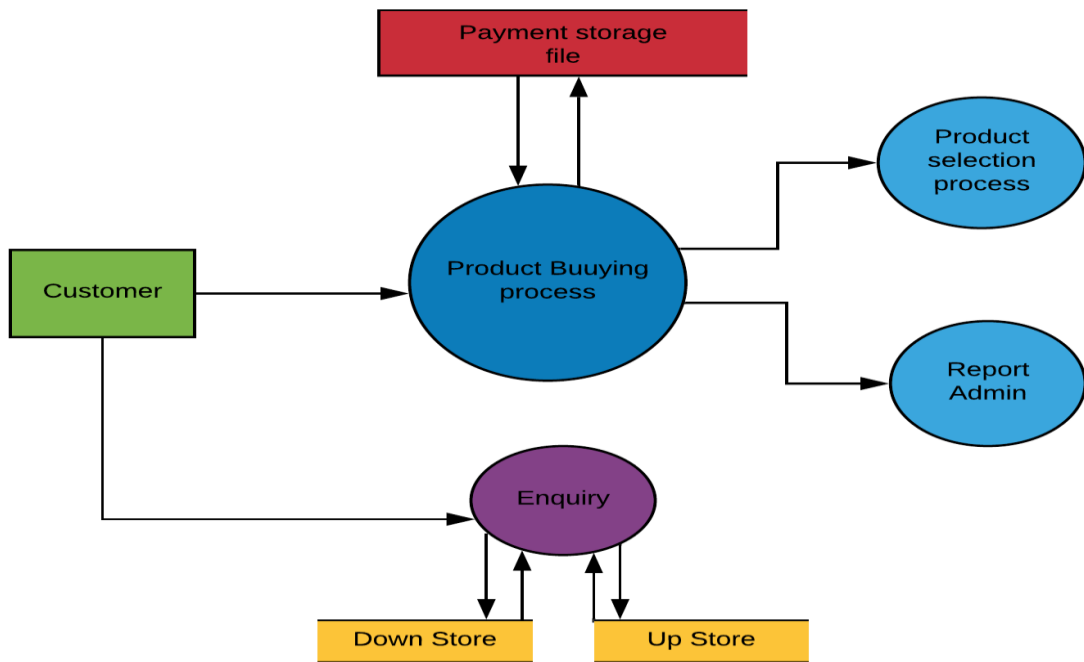
A DFD shows what kind of data will be info and yield from the framework, where the information will originate from and where it goes and where the information is put away. It doesn't show data about the planning of the procedure or whether the procedures will run persistently or in parallel.

#### Level 1 DFD of the System:



**Figure 3.3: Level 1 diagram**

**Level 2 DFD :**

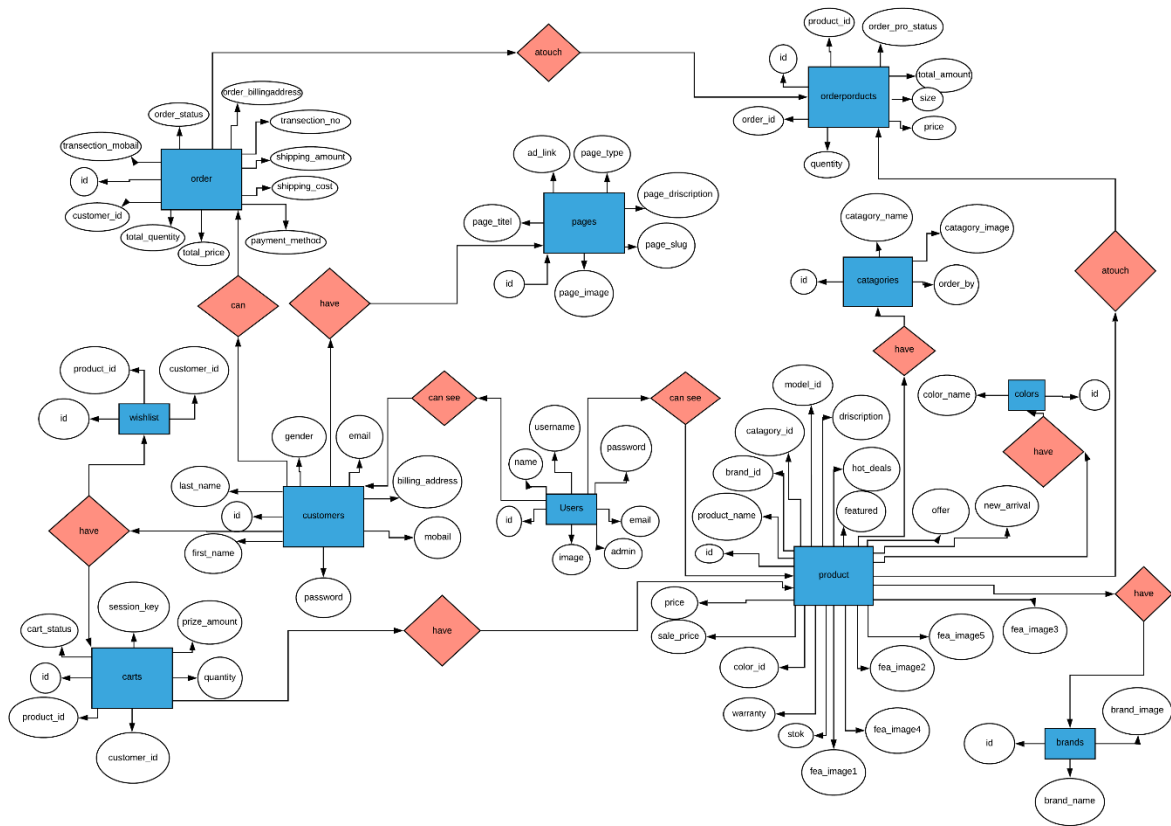


**Figure 3.4: Level 2 DFD**

### 3.2.6 Entity Relationship Diagram

The entity-relationship graph (ER) is a type of representation of objects or concepts in relation to one another. While data can be represented by a relational structure that is useful for organizing, no entity-correlation picture can adequately represent semi-structured or structured data, and an ER might be useful in integrating each-existing data feasibility data method. The fundamental three components of an ER are entities, which are objects or concepts that can store information about them, the relationships between those entities, and the cardinality that defines this relationship in terms of numbers.

#### **ER Diagram:**



**Figure.3.5: Entity Relationship Diagram**

### 3.2.7 Unified Modeling Diagram(UML)

An utilization case chart at its least complex is a portrayal of a client's connection with the framework that shows the connection between the clients or on-screen characters and the distinctive use cases in which the client is included

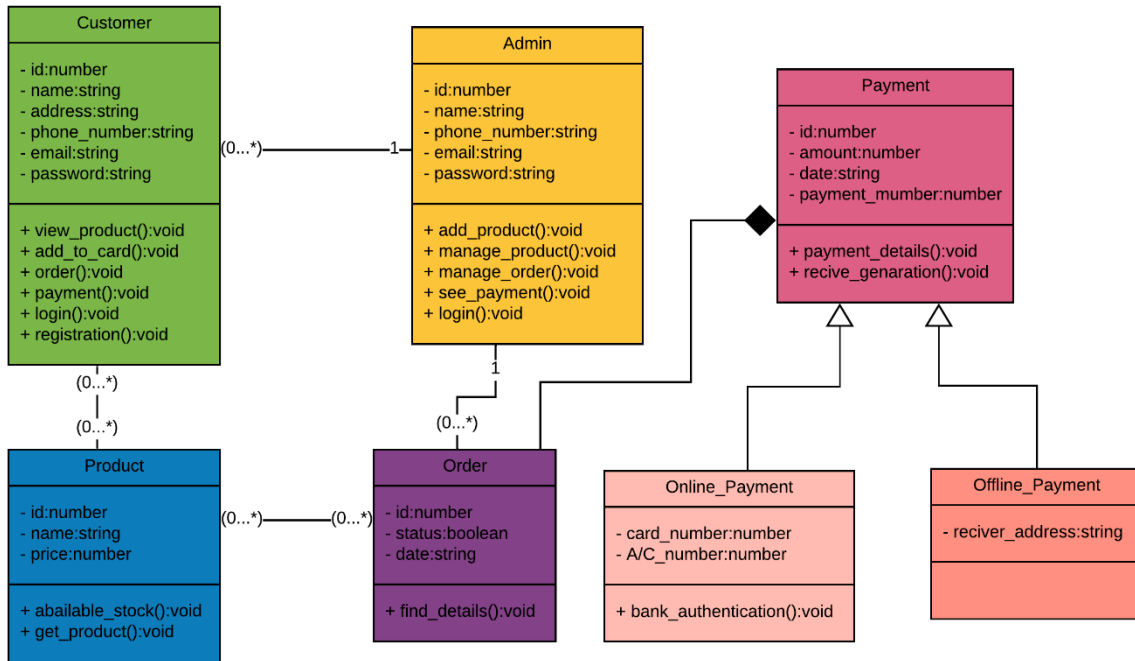
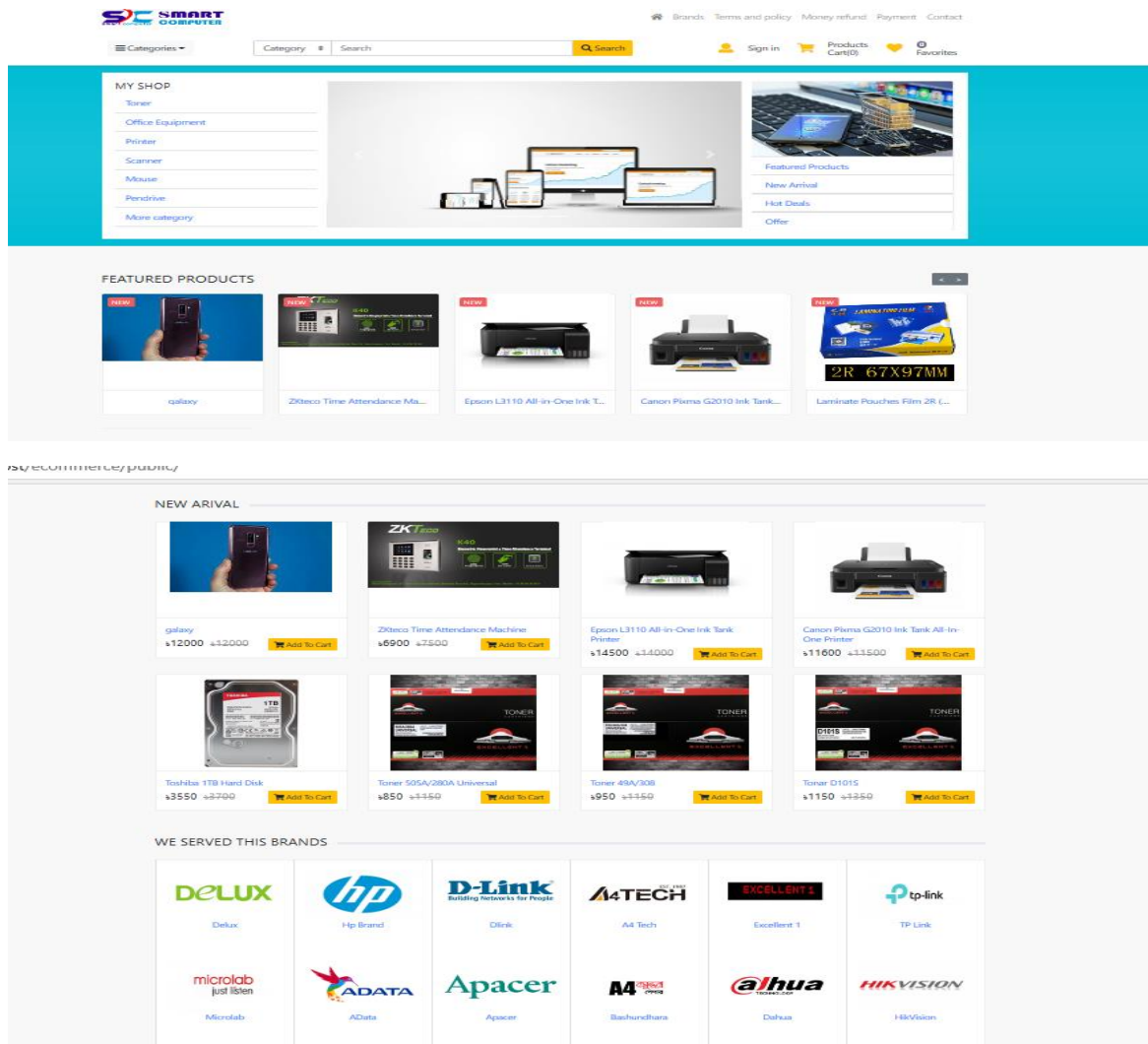


Figure.3.6: UML Diagram

### 3.3 Design Specification:

### 3.3.1 Interface Design :





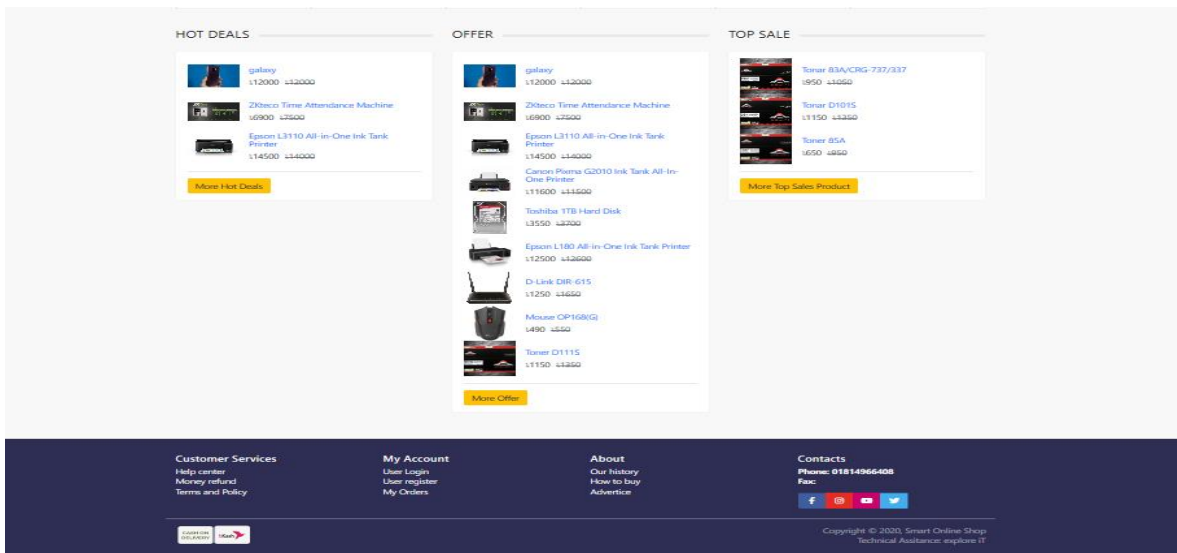


Figure: Home Page

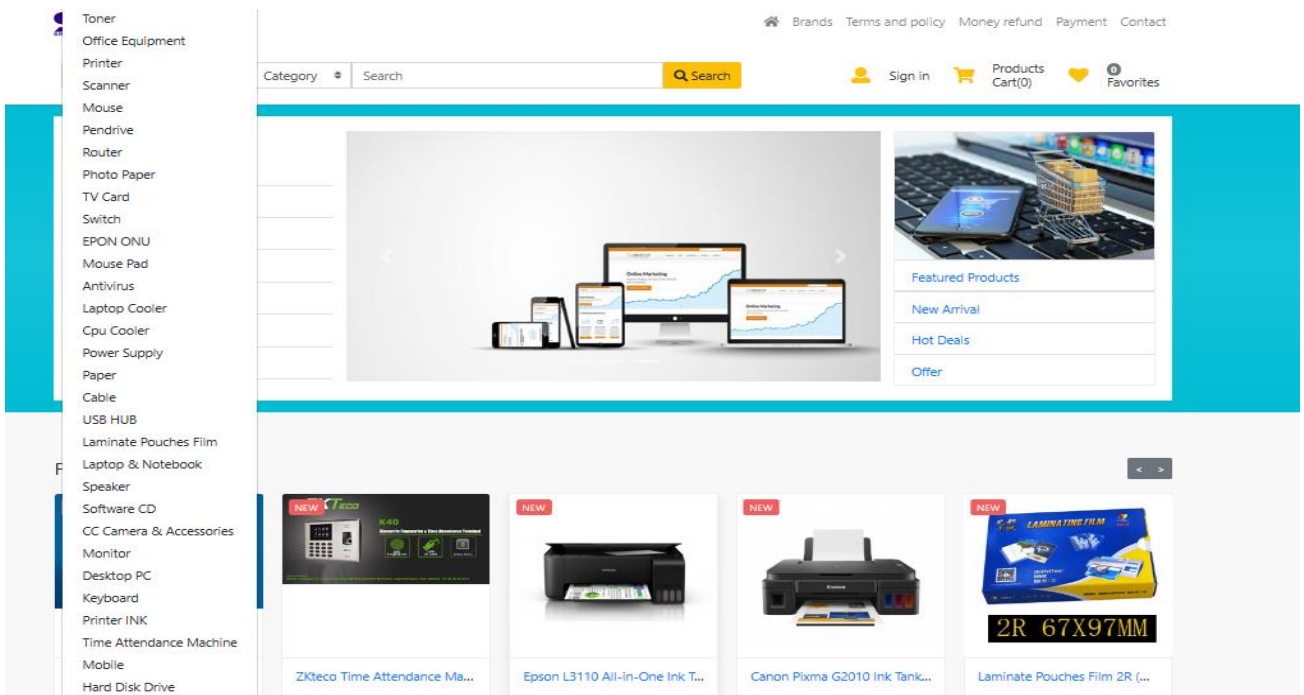


Figure: Product category

By Brand

Search

- A4 Tech 8
- AData 2
- AP Tech 2
- Apacer 1
- Apple 1
- Asus 1
- Bashundhara 3
- Canon 3
- DEll 1
- Dahua 1
- Delux 4
- Dlink 6
- Double A 2
- Epson 8
- Excellent 1 8
- Fuji 1
- GIGASONIC 1
- Gadmei 1
- Golden 1
- Havit 1
- HikVision 9
- Hp Brand 4

Others 20

- Panda 1
- Ricoh 0
- Samsung 1
- TP Link 8
- Tenda 1
- Teutons 2
- Toshiba 6
- Xtreme 1
- ZKteco 1
- eScan 1

By Price

Min  Max

By Feature

- Featured 90
- New Arrival 8
- Hot Deals 9
- Offer 9














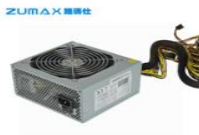


 <p><b>2R 67X97MM</b></p> <p>Laminate Pouches Film 2R (NID)</p> <p>₹90 <del>₹120</del> <input type="button" value="Order"/></p>	 <p><b>5R 136X188MM</b></p> <p>Laminate Pouches Film 5R</p> <p>₹340 <del>₹380</del> <input type="button" value="Order"/></p>	 <p><b>6R 160X225MM</b></p> <p>Laminate Pouches Film 6R</p> <p>₹370 <del>₹430</del> <input type="button" value="Order"/></p>	 <p><b>4R 110X160MM</b></p> <p>Laminate Pouches Film 4R</p> <p>₹150 <del>₹180</del> <input type="button" value="Order"/></p>
 <p><b>3R 95X135MM</b></p> <p>Laminate Pouches Film 3R</p> <p>₹120 <del>₹150</del> <input type="button" value="Order"/></p>	 <p>Laminate Pouches Film 10R</p> <p>₹600 <del>₹650</del> <input type="button" value="Order"/></p>	 <p><b>A4 220X310MM</b></p> <p>Laminate Pouches Film</p> <p>₹480 <del>₹520</del> <input type="button" value="Order"/></p>	 <p><b>USB Hub 4 Port</b></p> <p>USB 2.0 HUB 4 port DT-3013</p> <p>₹550 <del>₹620</del> <input type="button" value="Order"/></p>
 <p><b>USB 2.0 HUB 4 port</b></p> <p>₹90 <del>₹110</del> <input type="button" value="Order"/></p>	 <p><b>Laptop Power Cable</b></p> <p>₹110 <del>₹150</del> <input type="button" value="Order"/></p>	 <p><b>Best CPU Power Cable</b></p> <p>₹220 <del>₹250</del> <input type="button" value="Order"/></p>	 <p><b>HIGH QUALITY AC UK 3PIN CPU POWER CORD W/ FUSE 1.5M (POWER/FUSE)</b></p> <p>₹110 <del>₹150</del> <input type="button" value="Order"/></p>
 <p><b>Desktop VGA Cable 1.5M</b></p> <p>₹110 <del>₹130</del> <input type="button" value="Order"/></p>	 <p><b>CPU Power Supply AC/220V</b></p> <p>₹750 <del>₹850</del> <input type="button" value="Order"/></p>	 <p><b>CPU COOLER</b></p> <p>₹350 <del>₹550</del> <input type="button" value="Order"/></p>	 <p><b>Blackcat BC-7</b></p> <p>₹850 <del>₹1050</del> <input type="button" value="Order"/></p>

Figure: Brands

Home / Contact

### Contact

01814966408

arif@gmail.com

A-7, Ataturk School Market, Dagonbhuiyan, Feni.

### Contact Form

Name

Email

Phone Number

Message

[Submit Query](#)

**Figure: Contact**

## Sign up

[Home](#)

First name

Last name

Male  Female

Email

Mobile

Billing Address

Create password

[Register](#)

By clicking the 'Sign Up' button, you confirm that you accept our Terms of use and Privacy Policy.

Have an account? [Log In](#)

**Figure: Sign Up**

Email address

email@example.com

Password

Password

Sign in

Have account? Sign up

Figure: Sign In

The screenshot displays an admin dashboard with a red header bar containing a search bar and notification icons. The main content area is divided into several sections:

- Order Statistics:** Three green cards showing order values:
  - TODAY ORDER:** 0.00 (Pending: 0.00, Delivered: 0.00)
  - THIS MONTH ORDER:** 8,102.32 (Pending: 29,008.17, Delivered: 98,103.87)
  - OVERALL ORDER:** 13300.00 (Pending: 6650.00, Delivered: 6650.00)
- Note:** A section with a toggle for "Product Purchase" (unchecked) and "Product Sales" (checked).
- Send SMS:** A form with a "Mobile Number" field, a "Type Your Name" input, a "Please Write you comment here" text area, and a "Send" button.

Figure :Admin Panel: Dashboard

Shop

PRODUCT ARCHIVE

Show 10 entries

#	CATEGORY	PRODUCT NAME	BRAND	COLOR	MODEL	SALES PRICE	
26	Toner	Tonar 83A/CRG-737/337	Excellent 1	Black	83A/CRG-737/337	950	<a href="#">Edit</a>
27	Toner	Tonar D101S	Excellent 1	Black	D101S	1150	<a href="#">Edit</a>
28	Toner	Tonar 85A	Excellent 1	Black	85A	650	<a href="#">Edit</a>
29	Toner	Tonar D111S	Excellent 1	Black	D111s	1150	<a href="#">Edit</a>
30	Toner	Tonar 12A	Excellent 1	Black	12A	950	<a href="#">Edit</a>
31	Toner	Tonar 26A	Excellent 1	Black	26A	1950	<a href="#">Edit</a>
32	Toner	Tonar 49A/308	Excellent 1	Black	49A	950	<a href="#">Edit</a>
33	Toner	Tonar 505A/280A Universal	Excellent 1	Black	505A/280A	850	<a href="#">Edit</a>
34	Mouse	A4TECH N-70FX OFFICE MOUSE	A4 Tech	Black	N-70FX	550	<a href="#">Edit</a>
35	Mouse	A4Tech G3-270N	A4 Tech	Black	G3-270N	550	<a href="#">Edit</a>

Show 1 to 10 of 122 entries

Figure: product Item List

PRODUCT ENTRY

Category: Choose One

Product Name:

Model:

Brand: Choose One

Color: Choose One

Price:

Sale Price:

Description:

Featured Image:  Browse...

Featured Image:  Browse...

Featured Image:  Browse...

Featured Image:  Browse...

Featured Image:  Browse...

Select Place:  Featured,  New Arri.,  Hot Deals,  Offer

[Publish](#)







Figure: Add Product

Product Category:  Order:  Logo:  [Browse...](#) [Save](#)

#	PRODUCT CATEGORY	ORDER BY	LOGO
1	Antivirus	0	 
2	CC Camera & Accessories	11	 
3	Cable	0	 
4	Cpu Cooler	0	 
5	Desktop PC	2	 
6	EPON ONU	0	 
7	Hard Disk Drive	25	 
8	Keyboard	2	 
9	Laminate Pouches Film	0	 
10	Laptop & Notebook	1	 
11	Laptop Adapter	5	 

**Figure: Add product category**

Show  entries Search:



#	ORDER DATE	CUSTOMER NAME	CONTACT	TOTAL QTY.	AMOUNT	SHIPPING	PAYMENT TYPE	
34	26/03/2020	sakia shila	01713517034	3	4350	50	Bkash	 
35	26/03/2020	sakia shila	01713517034	1	950	50	Cash On Delivery	 
36	26/03/2020	sakia shila	01713517034	1	1200	50	Cash On Delivery	 

Showing 1 to 3 of 3 entries

Previous **1** Next

**Figure: Pending Order List**

Show  entries Search:

#	DELV. DATE	CUSTOMER NAME	CONTACT	TOTAL QTY.	AMOUNT	SHIPPING	PAYMENT TYPE	
33	26/03/2020	shila moni	01830849650	1	1250	50	Cash On Delivery	 

Showing 1 to 1 of 1 entries

Previous **1** Next

**Figure: Delivered Order List**

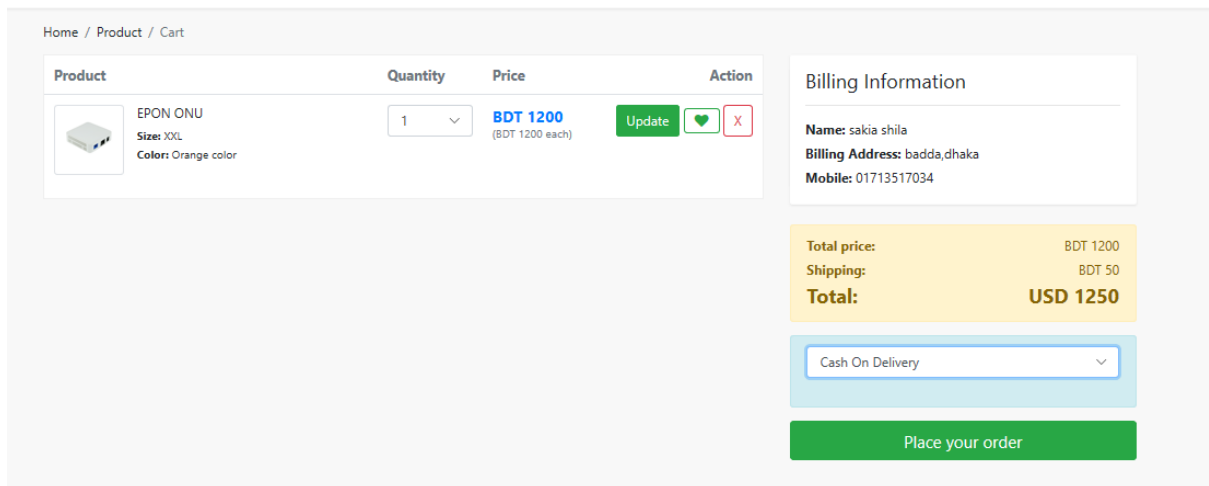


Figure: Payment Method

## Database Design

Table	Action	Rows	Type	Collation	Size	Overhead
brands	★ Browse Structure Search Insert Empty Drop	40	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
carts	★ Browse Structure Search Insert Empty Drop	122	InnoDB	utf8mb4_unicode_ci	48.0 K1B	-
categories	★ Browse Structure Search Insert Empty Drop	33	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
colors	★ Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
customers	★ Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
migrations	★ Browse Structure Search Insert Empty Drop	16	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
orderproducts	★ Browse Structure Search Insert Empty Drop	487	InnoDB	utf8mb4_unicode_ci	96.0 K1B	-
orders	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
pages	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
products	★ Browse Structure Search Insert Empty Drop	122	InnoDB	utf8mb4_unicode_ci	128.0 K1B	-
siteprofiles	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
sliders	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
transactioncategories	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
transactions	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
users	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
wishes	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 K1B	-

## Figure: List of Tables in Database

# Chapter 4: Competencies and Future work

## 4.1 Competencies

### 4.1.1 Hypertext Markup Language (HTML):

HTML made by Tim Berners-Lee in 1987 Site Markup Language for making HTML site pages. HTML speaks to Hypertext Markup Language. It delineates the structure of site pages utilizing markup. HTML component is the structure square of HTML pages. Its fixings talk by the name. Its marks recognize bits of substance, for instance, "title", "class", "tables, and so forth." Programs don't yet utilize HTML names to supply the substance of pages [15].

### 4.1.2 Cascading Style Sheet (CSS):

Hakan Wyam is a father of CSS. In Fall 8, the concept of Falling Templates (CSS) was introduced with W3C. CSS introduces Falling Templates. CSS illustrates how HTML elements appear on the screen, paper or other media. This leaves a great deal of work to do. It can simultaneously control the format of numerous website pages. External templates are dumped into CSS documents.

#### CSS

- Cascading Style Sheets (CSS).
- Easy mechanism .
- Easy for including style (e.g., fonts, colors, spacing) to Web documents.

### 4.1.3 PHP

There's a lot of outdated information on the Web that leads new PHP users astray, propagating bad practices and insecure code. *PHP: The Right Way* is an easy-to-read, quick



reference for PHP popular coding standards, links to authoritative tutorials around the Web and what the contributors consider to be best practices at the present time. There is no canonical way to use *PHP*. This website aims to introduce new PHP developers to some topics which they may not discover until it is too late, and aims to give seasoned pros some fresh ideas on those topics they've been doing for years without ever reconsidering. website will also not tell you which tools to use, but instead offer suggestions for multiple options, when possible explaining the differences in approach and use-case. This is a living document and will continue to be updated with more helpful information and examples as they become available. used E-commerce websites with heavy amounts of traffic. Secure websites for payment .Email web hosting platforms .Database management and social platforms. Content Management Systems.

#### **4.1.4 Laravel**

Laravel is an incredible MVC PHP structure, intended for designers who need a straightforward and exquisite toolbox to make full-highlighted web applications. Laravel was made by Taylor Otwell This is a concise instructional exercise that clarifies the fundamentals of Laravel framework. Laravel is, as per its documentation, the PHP structure for web craftsmans. This is a reference to its carefully crafted components, as Laravel is one of the greatest examples of good programming practices and workflow. While it is based on other frameworks, such as Symfony, Laravel delivers a more digested version of a framework that is easy and ready-to-use, and is heavily documented.

#### **4.2 Smart Plan**

In this Report, I Take Concentrate About Frontend and Backend Designing Plan by HTML, CSS PHP & Laravel. I think this isn't sufficient I need more practices.

## **Chapter 5: Discussion, Conclusion AND Scope for Further Career**

### **5.1 Discussion and Conclusion**

My objective was to manufacture the frontend and Backend design of the site e-commerce given by Mamrin studio. I have taken every necessary step utilizing HTML, CSS, PHP, and LARAVEL adapted well about these subjects. The coursework appropriately set me up for the expert substance of the temporary job. I confronted a few difficulties while doing the CSS. After work, I've figured out how to work in an expert way.

### **5.2 Scope for Further Career**

There is a great deal of space to improve the structure of this site. This work is only the fundamental arrangement of the undertaking. We can include some more component later on if necessary. Future work can characterize more use cases for various purposes. The other group has officially done the backend part of the task. They likewise will do some improvement is fundamental.

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