



Daffodil
International
University

INTERNSHIP REPORT

Internship of Full Stack Web Development at BugsBD Ltd.

SUBMITTED BY

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This Internship report has been submitted in fulfillment of the requirements for the Degree of Bachelor of Science in Software Engineering.

APPROVAL

This Internship titled on “Internship of Full Stack Web Development”, submitted by Chandan Ojha, ID: 181-35-2425 to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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Declaration

I hereby declare that I have taken this internship in **The BugsBD Limited** under the supervisor of **Ms. Syeda Sumbul Hossain, Department of software Engineering, Daffodil International University**. I also declare that neither this report nor any part of this report has been submitted elsewhere for award of any degree.

Chandan Ojha

Chandan Ojha

ID: 181-35-2425

Batch: 25th

Department of Software Engineering

Faculty of Science and Information Technology

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Certified by:



Ms. Syeda Sumbul Hossain

Senior Lecturer

Department of Software Engineering

Faculty of Science and Information Technology

Daffodil International University

Acknowledgement

First of all I would like to thank my God. After that I would like to express my special thanks of gratitude to my supervisor **Ms. Syeda Sumbul Hossain, Senior Lecturer**, Department of Software Engineering. I am extremely grateful and indebted to her for her expert, sincere and valuable guidance and encouragement to me.

I would like to express my sincere thanks to **Dr. Imran Mahmud**, Professor and Head of Software Engineering Department for his constant encouragement.

I would like to thank those who were helped in my internship by their important suggestions. I am really pleased and proud to express my feeling of gratefulness and profound respect to our respected faculties of the Department of Software Engineering, for taking this opportunity.

Finally, I wish to thank my parents who have been a great source of inspiration to me. Without their support, I would not have reached where I am today.

Appointment Letter



Date: 10-06-2021

OFFER LETTER FOR INTERNSHIP

Sub: Offer Letter for the position of "Full Stack Web Developer".

Dear Chandan Ojha,

Following our recent discussions, we are delighted to offer you the position of "Full Stack Web Developer" as intern. We would like to take this opportunity to welcome you to become part of a fast-paced, dedicated global team.

As a member of our **BugsBD** Software Development Team, we would ask for your commitment to deliver outstanding quality and results. In addition, we expect your personal accountability in all the products, services, actions, advice and results that you provide as a representative of *Our Organization*. We are committed to providing you with every opportunity to learn, grow and stretch to the highest level of your ability and potential.

We are confident you will find this new opportunity both challenging and rewarding. The following points outline the terms and conditions we are proposing.

1. **Date of Joining:** 14 July, 2021
2. **Work hours:** 35 Hours/week
3. **Office hours:** Sunday to Thursday: between 10:00 AM to 6:00 PM (Flexible)
4. **Type of Job:** Remote Job (Intern).
5. **Expertise of language:** PHP (Laravel Framework).

Please convey your acceptance for this letter of appointment and the terms and conditions contained herein by signing the second copy of this letter and returning the same to the Company.

Wish you all the best.

Delwar Alam
Delwar Alam
Managing Director
Delwar Alam
Managing Director
BugsBD Limited

Internship Summary

As a student of Software Engineering department, I have chosen to build my carrier in Full Stack Web Development. Full Stack Web Development is one of the significant aspects of computer professional jobs. To Complete of my B.SC degree I have chosen internship and select Full Stack Web Development sector because it covers the overall information technology of different types of business and system.

This Internship report is aimed to improve my knowledge of Full Stack Web Development acquired during my internship period. I have internship over Full Stack Web Development at Software Company named “BugsBD Ltd”. It was really a good chance to improve my academic learning with new cultures & new people.

BugsBD Ltd is an IT company that provides all kinds of Web application, ERP, Ecommerce, Business and Security related solution. During my internship period I am learning the complication of Full Stack Web Development procedures, client site configuration and many more.

This internship report basically I have tried to show that how I handled those things and how efficiently.

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Chapter 1: Introduction

1.1 Introduction

As a portion of the Internship of Undergraduate program of BSc in Software Engineering at Daffodil International University, I interned in the Software Development Department of BugsBD Limited. Internships are often very closely related to the student's academic and career goals which help me to gain knowledge about the job field. I continuously had an intrigued in Software Development and my internship in Software Development was a grand opportunity to work on BugsBD Limited, this report is based on this experience.

1.2 Rational

Internship helps me to get a feel industries, build workplace confidence, etiquette, and habits which undoubtedly motivates towards success. The internship knowledge grants many rewards and can be conducted for undergraduate applied/technical elective credit(s). Internships offer students to enhancement their developing knowledge in more depth and gather abilities for facing real life problems. I am concerned to start this report since I need to uncover the significance of my theoretical understanding together with my practical involvement. This made a difference think in an unexpected way and gave me a more in-depth view at lessons learned in my theory lesson.

1.3 Background

Daffodil International University gives the wonderful opportunity to their students of having an internship within their bachelor program. I am one of the luckiest ones to study in Daffodil International University and have opportunity to take internship. As a student of Software Engineering Department, I have done a lot of work in full stack web development area in last 3 years. Full stack web development is the exercise of working on both the front-end and back-end of a program. It is a term usually used for those working in web development. The developers have background on creating user interface and user experience for front-end, and also have strong knowledge in a programming language that is used for managing the logic of the application, hence back-end. Full Stack is a layer of software or web development comprising of the front-end and the back-end portions of an application. Front-end is what the users will view

or interact with on your application. Back-end part is what users do not see, such as application's logic, database, server, etc.

I have got a lucky opportunity to complete my internship at BugsBD Ltd. This internship allowed me to increase my knowledge in full stack web development. The journey was not easy for me. There were many barriers, new technologies that I have to handle with, I had discovered a new potential within myself.

1.4 Motivation

The main reason for doing Internship to improvement my developing knowledge in more depth. Because of it is not probable to cover everything in boundaries of academic curriculum. Since appoint myself as a role of full stack web developer I have cover a lot of point which was so hard to me. Another reason for choosing internship is accumulate capacities for facing real life problems. On the journey of this internship, I am exceptionally appreciative to my supervisor who appears me in real life work.

1.5 Objectives

The main purpose of this report are to fulfill the requirements of the BSc program and to present the knowledge and information that has been achieved during the internship period under the organization.

The other important purposes are as follows –

- Assisting the development manager with all aspects of software design and coding.
- Attending and contributing to company development meetings.
- Learning the codebase and improving coding skills.
- Writing and maintaining code.
- Working on minor bug fixes.
- Responding to requests from the development team.

1.6 Scope of the study

This report is based on BugsBD Ltd Software Development procedure. Along with this, the report will also partially describe the whole BugsBD Ltd Software Development procedure. This report is mainly important for the Software Development related organizations to understand the Software Development procedure that includes gathering & analysis of requirement, design, development, testing, implementation, maintenance development tools and so on. From my internship journey, I have learned those Software Development procedures & this journey expand my knowledge that will help me at my job field. I have chance to corporate life problem solving. That will assistance me to get next job. Here I have learned different cultures such as maintain the office rule, my colleague mentalities. Moreover, I have a passion on software development & I got that opportunities from this internship.

Chapter 2: Organization Overview

2.1 About

BugsBd Limited, the objective is basically to make organizations better at building complex business frameworks. They design, sell and support software used by systems architects, developers, and operations teams worldwide. BugsBd was founded in 2015. The company has developed rapidly and strategically, in both income and staff. Right now, they have over 35 staff members. One of their most particular highlights is that, a bit like our software, they're completely distributed. They given services to clients countrywide and overseas. They are spread over 6 countries, covering different time zones, conducting their work when it's most reasonable for their. During the last 6 years, BugsBd Limited has successfully executed more than 80+ projects. In 2018 BugsBd Limited accomplished one of the most excellent service giving company. They are always focusing exclusively on high quality and cost-effective software development and implementation of services.

2.2 Company Profile

BugsBD is improved by a number of youthful, energetic and talented software engineers and security experts who have already demonstrated their mastery in this field. They have also a strong networking of different skill sets who would help to ensure absolute solution to their valued clients. This isn't only an open stage for the experts and clients but also it is a platform of congregated transmittable of information that makes more mastery as well in this field of security. The also provides two types of services. Services are Development Services and Security Services. The Development Services are Web Application Development, Cloud computing, JavaScript Development, Mobile App development & Digital marketing. Security Services are Web Application Testing, Network Security, Database Security, Source Code Review, Email Security and many more.

2.3 BugsBD Limited Dept. Hierarchy

BugsBD Limited has a number of departments according to the assignment. The departments are

I. Service & Customer Department: A client service representative interacts with a company's clients to supply them with information to address inquiries with respect to items and administrations. In addition, they deal with and help resolve any client complaints. As a rule, client service agents accumulate their information through a phone call.

II. Accounts Department: An accounting department gives accounting services and financial support to the organization it belongs to the department records accounts payable and receivable, stock, finance, fixed assets and all other financial components. The department's accountants audit the records of each department to decide the company's financial position and any changes required to run the organization cost effectively.

III. Management Department: The management department controls everything. Each department is under this management office. All sorts of operations are worked by this office.

IV. Marketing Department: BugsBD doing promoting through this department. This department also provides after sale service to the clients.

V. Software Development Department: BugsBD developed their client software under this department. All the developers are under this department.

VI. Human Recourses Department: Our HR department gives all Employees services and provides all types of letter as like as appointment letter. They keep up all the employees' requirement and increment their salary and giving their reward. This department giving the job circular and check the candidate CV and give their appointment letter.

2.4 Services of BugsBD Ltd.

BugsBD Limited assures their strong commitment to provide customer the best service in the country. BugsBD Limited is now running its 6 years of journey. Some of value added services are web application development, cloud computing service, mobile app development and cyber security.

Web Application Development: Web development services are used to design, build, support, and evolve all types of web-based software. With 6 years in web development, BugsBD delivers intuitive and fast websites, web portals, and other web solutions that bring about digital transformation and enhance business workflows.

Mobile App Development: BugsBD offer their client user-friendly, high-performing mobile applications for Android, iOS, and Windows Mobile. The expertise they provide boosts up their clients business growth in the competitive market.

Cloud Computing Service: BugsBD Cloud computing service is served through the internet or dedicated network. The service is delivered on demand and client have to pay according to their usage. The extend of Cloud Computing includes full applications and development platforms, servers, storage, and virtual desktops.

Cyber Security: BugsBD Cyber security service allows the customer to stay focused on driving their business forward as the security issue of their company is dealt by an expert team. They will constantly monitor any causality in their client system and warn client immediately. They also ensure a proper backup for all their client important data and information. Whether client host content in private or public clouds, in a hybrid or in legacy on-premises systems, our Cyber security service is ever ready to have a peace of mind not worrying about any security breach.

2.5 The Vision

BugsBD is a driving IT company for Consulting Services and Deployment of best of breed Business Solutions to top tier domestic and international clients. Our company Vision is to attain 100% customer satisfaction by conveying quality products and services at a reasonable cost and to strive to become a substance in technology-based corporate solutions, capable of demanding an unlimited reaction from the targeted niche. We also offer special expertise in custom software development providing specialized products, IT services and custom end to end solutions to our enterprise clients

2.6 The Mission

Our Company Mission is to achieve the reputation of a quality, high standard & solid solution & service Provider Company within the ICT industry. Our challenge is to improve the business operations of its clients by creating and/or executing premium IT products and services. We need to broaden the business development of our clients business. We are here to exceed your desires and make an everlasting, mutually beneficial bond with you.

2.7 Company Products

Our company has some products

ERP:

We have ERP System. ERP is an ideal solution for data analysis, automation and full-scale infrastructure integration. Important ERP Features list integration, automation, data analysis, reporting, customer relationship management, accounting, tracking and visibility.

Ecommerce:

We have ecommerce system. E-commerce is the buying products via the internet, and the transfer of money and data to complete the sales. The most important features include content management capabilities, promotion and discount code tools, an easy to use checkout, and multiple payment options (credit card, stripe etc.)

General Website Application:

Our company built some general website application for our clients those are Amar Circle web application, Netcast web application etc.

2.8 Clients

For running a software company clients are primary components all of the time. As a software company we have a part of local and international clients. Our company tries to extend our clients number.



Figure 2.8: Clients logo

2.9 Company Location

BugsBd Ltd. is located 1/c(5th floor) Road No: 01, Shyamoli, Dhaka, Bangladesh.

Phone: +8801889975511.

Email: info@bugsbd.com

References: <https://bugsbd.com/>

Chapter 3: Company Culture and Carrying Out

3.1 Working Environments and Protocols

For building a successful carrier the working environment is very important. At this office working environment is exceptionally great. All of my colleagues are friendly. Each people has their own space. Basic things are also provided by our company.

3.2 Working Team

Each department has working groups for completing their projects. Cause of none of the work can be done by individual. An employee who has worked under a department is appointed for that particular department. All of our staff are working together as a group.

3.3 Rules & Regulations

3.3.1 Office Time

Our company Office time is 11 am – 7 pm. Where we have got break for lunch & snacks. Employees must be required to go in time.

3.3.2 Responsibilities

Everybody is assigned to his own work, so he must be responsible for his own work. There are a few extra responsibilities like –

- One should not be careless with, tools and equipment resulting in harm to office property.
- As soon as possible, any significant loss or harm to company property must need to inform.
- Other personal things must not be touched with his permission.
- Without my group leader's permission, I don't have to take off.
- In an emergency, leave must have to be informed by the CEO.

3.3.3 Meeting

It is required to all to go to at the meeting on time. Company plans are discussed in that meeting.

3.4 Handling Clients

Customers are the main substance for running an organization. Each organization handles clients in their own strategy. Clients handling operations are not same as in the organization. Each organization follows special strategies to handle their clients. BugsBD Ltd focus on client request. Where a non-technical person can easily do their work with comfort. This company collects prerequisites from the clients and built such a way that a person can easily speed up his work. After deployment, the dynamic product if the client needs to change the company does that very fast. This the company gain client satisfaction.

3.5 Comparative Analysis of Office Culture

The company gives the opportunities for the intern. This is a really great culture in our country instead of other company. They contract people who is fit for this culture. The decision producer gives the idea that come from anywhere. Realizing that I am not separated from the organization.

3.6 Internee Life Cycle

The internee life cycle based on a few criteria. There was a internee life cycle



Figure 3.6: Internee Life Cycle

3.7 Recruiting Policies

Each organization follows their recruiting approaches. BugsBD Ltd. follows their own approaches. After the online apply I got their phone call for viva. They recruit different peoples for different position. They offered me for internship and if I do well, I will be able to continue with their organization.

3.8 Getting Started

I have started my journey as an internee at BugsBD Ltd. in July 14, 2021. In this months I have learned a lot of development skills, new environment which are exceptionally supportive to begin my carrier in IT Company. I also accumulate client site knowledge. Which things I need to do I found that from this internee. I am so lucky that I got that internship opportunity.

Chapter 4: Technology Employing

4.1 Fundamental Technologies

In this chapter I have described about the fundamental technologies that I have used by during my internship.

- **Project management tool:** BugsBD CRM
- **Version control tool:** Bitbucket & Git
- **Localhost web Server:** Xampp 7.4.20
- **Editor:** Visual Studio Code
- **Front End Technologies:** Html5, CSS3, Bootstrap v4.0.0, JavaScript ES6
- **Backend languages:** PHP 7.4
- **Database:** MySQL
- **Framework:** Laravel 7.x & 8.x

4.2 Supportive Technologies

There are a few supportive technologies we have used. The company follows agile SDLC for software development, software engineering with user experience & design. Skype for quick code sharing & communication. The company also uses Bitbucket for code and Google docs for reporting.

4.3 Logistic Support

Logistic support for develop a software is important things what is need to implement to construct up a software. The programing skill, system analysis, designing the model, make prototype etc. are the most portion of logistic support. We are going through each stage from them while implementing the software. When we going to begin a new project, first our requirement collection group meet with the clients and collect the requirements. After that we make a design and appear our designs to the clients. In case anything is required to change then we made the corrections in the requirement. At that point we built the project with client's view. And all of the work are done by our own manpower.

Chapter 5: Roles & Responsibility

5.1 Training Knowledge Sharing

After starting a new project, the project manager describes each point about the project. How to begin, what to do and what required to be focused on that project is announced clearly. The project supervisor also gives us a short brief each day before we begin the work. This is so accommodating for me when I am appointed in a project.

5.2 Project (E-commerce)

All of my training and knowledge sharing was E-commerce project. We are now developing E-commerce system. In this project some of the features describing here.

5.3 Project Plot

The project is about E-commerce system. Here client want search product, product sort by price & newness, show product details, add product to cart or wish list, product saved for later, apply coupon code, checkout with cash on delivery & stripe payment gateway, customer dashboard, view order details, order cancellation, admin can change order status & customer give product review. And now our developing team working on this ecommerce system.

5.4 Assigned Responsibilities

In this E-commerce project my responsibilities are

- Product sorting by price & newness.
- Add product to cart/wish list.
- Product saved for later.
- Set & Apply coupon code.
- Checkout with cash on delivery & stripe payment gateway.
- Order cancellation.
- Give product review.

5.5 Project Goal

The main goals of this project are to the web-based application. Most people are now dependent on online, but there are very few e-commerce companies that are easy to buy and have reliable product quality. So we think this project “E-commerce” will be useful for many people to buy product.

5.6 System Analysis & Design

5.6.1 Functional Requirements

FR-01	Product Sorting
Description	In this e-commerce system customer can sort product by product newness, product price low to high, high to low.
Stakeholders	Customer

FR-02	Add Product To Cart
Description	Customer can add product to product cart
Stakeholders	Customer

FR-03	Product Saved For Later
Description	If customer want to buy product later then he can saved product in product saved for later options.
Stakeholders	Customer

FR-04	Set & Apply Coupon Code
Description	Admin can set coupon code & customer can buy product by applying this coupon code.
Stakeholders	Customer, Admin

FR-05	Checkout
Description	After product add to cart customer can checkout with product shipping details. For payment customer can use cash on delivery or card payment (Stripe payment gateway).
Stakeholders	Customer

FR-06	Order Cancellation
Description	After buy this product customer can have product orders canceled.
Stakeholders	Customer

FR-07	Product Review
Description	After buying this product customers can review & rating this product.
Stakeholders	Customer

5.6.2 Use Case Diagram for Customer



Figure 5.6.2: Use case diagram for customer

5.6.3 Use Case Diagram for Admin

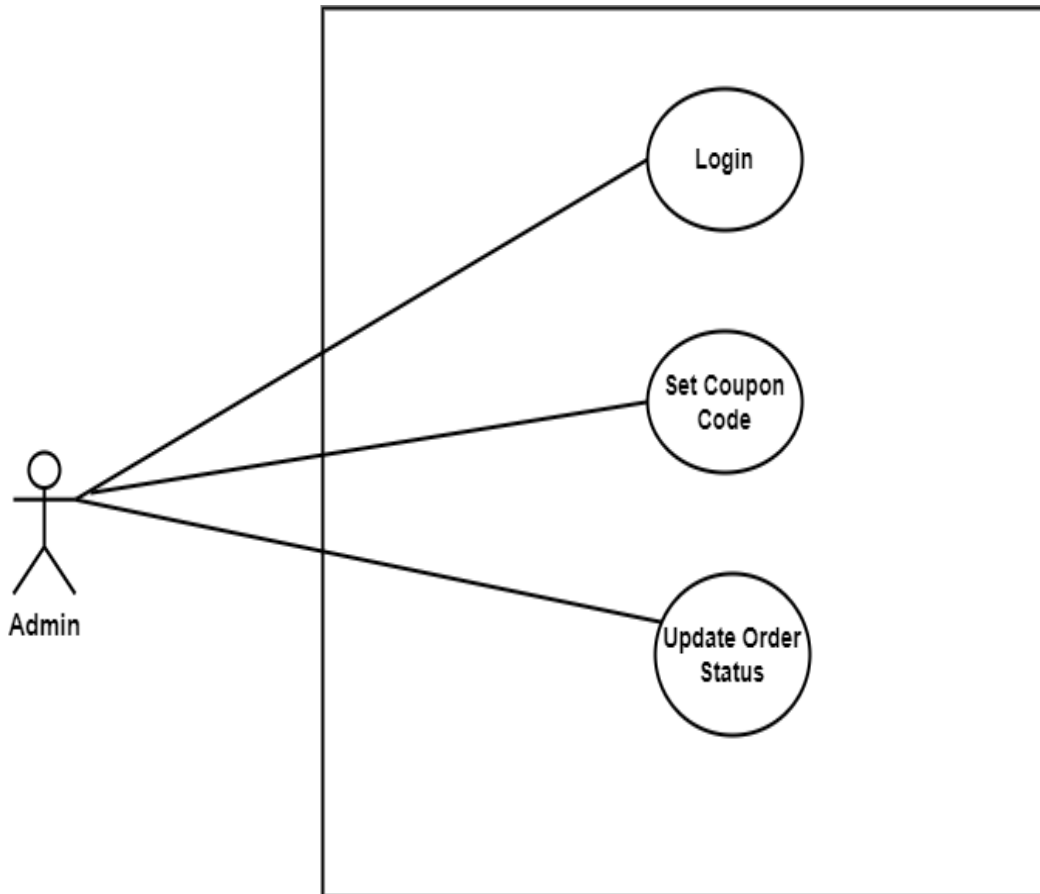


Figure 5.6.3: Use case diagram for admin

5.6.4 Use Case Description Table

Table 5.6.4.1: Registration

Use Case Title	Registration
Use Case ID	Uc-1.0
Preconditions	User select the register form and fill up it.
Actors	Customer
Success End Condition	User successfully register
Failure End Condition	Display register error message “ ”
Trigger	Show user home page.
Description	After all requirement field fill up user can register for the system.

Table 5.6.4.2: Login

Use Case Title	Login
Use Case ID	Uc-2.0
Preconditions	1. User must be registered. 2. User select the login form and fill up it.
Actors	Customer, Admin
Success End Condition	User successfully Login.
Failure End Condition	Display login error message “ ”
Trigger	Show the user home page & admin dashboard.
Description	After the user login then user can view the homepage and admin can view the admin dashboard.

Table 5.6.4.3: Add Product to Cart

Use Case Title	Add Product to Cart
Use Case ID	Uc-3.0
Preconditions	User click the add to cart option.
Actors	Customer
Success End Condition	Product store into cart successfully.
Failure End Condition	Product doesn't store into cart successfully.
Trigger	Display success message.
Description	After the user add product to cart then he can checkout.

Table 5.6.4.4: Set Coupon Code

Use Case Title	Set Coupon Code
Use Case ID	Uc-4.0
Preconditions	1. Admin need to login. 2. Admin select the add coupon option.
Actors	Admin
Success End Condition	Coupon add successfully done.
Failure End Condition	Coupon doesn't successfully add.
Trigger	Display success message.
Description	The admin can add multiple coupon code.

Table 5.6.4.5: Checkout

Use Case Title	Checkout
Use Case ID	Uc-5.0
Preconditions	1. User need to login. 2. User add product to cart.
Actors	Customer
Success End Condition	Product order successfully done.
Failure End Condition	Display the billing information error.
Trigger	Display order confirmation message.
Description	For customer checkout they have must be registration or login first, fill up the billing information & click the button place order now then show order confirmation message.

Table 5.6.4.6: Order Cancelation

Use Case Title	Order Cancellation
Use Case ID	Uc-6.0
Preconditions	1. User need to login. 2. Customer order product. 3. User click the order cancellation options.
Actors	Customer, Admin
Success End Condition	Order cancellation successfully done.
Failure End Condition	Order cancellation doesn't successfully done.
Trigger	Display order cancellation success message.
Description	After order product customer can cancelled product order.

Table 5.6.4.7: Update Order Status

Use Case Title	Update Order Status
Use Case ID	Uc-7.0
Preconditions	1. Admin need to login. 2. Admin select the order edit options.
Actors	Admin
Success End Condition	Order status update successfully.
Failure End Condition	Order status doesn't update successfully.
Trigger	Display order status update success message.
Description	After customer order product admin can update order status 'ordered', 'delivered', 'canceled'.

Table 5.6.4.8: Product Review

Use Case Title	Product Review
Use Case ID	Uc-8.0
Preconditions	1. Customer need to login. 2. Customer Order product. 3. Customer select the 'write a review' option.
Actors	Customer
Success End Condition	Product review successfully done.
Failure End Condition	Product review doesn't successfully done.
Trigger	Display the product review success message.
Description	After customer order product status is 'delivered' then customer give a review & rating for his order product.

5.6.5 Activity Diagram for Add Product to Cart

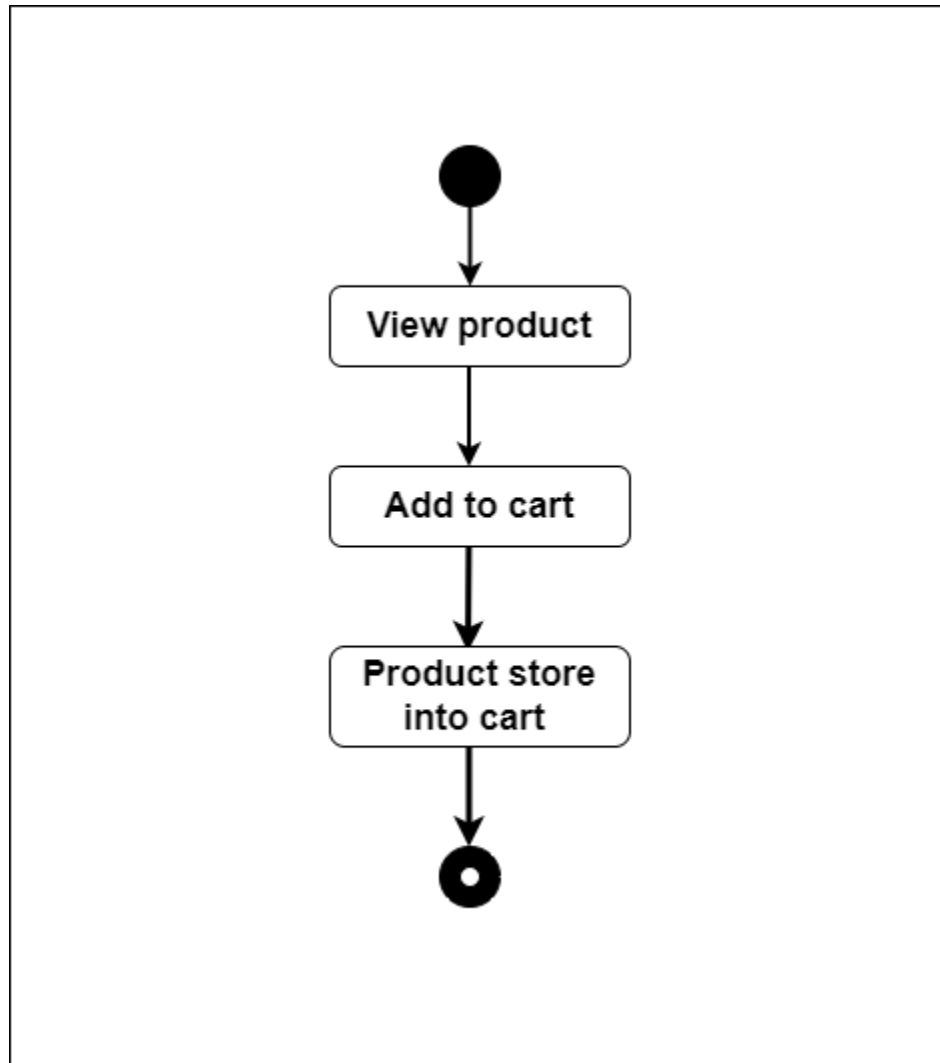


Figure 5.6.5: Activity Diagram for Add Product to Cart

5.6.6 Activity Diagram for Set Coupon Code

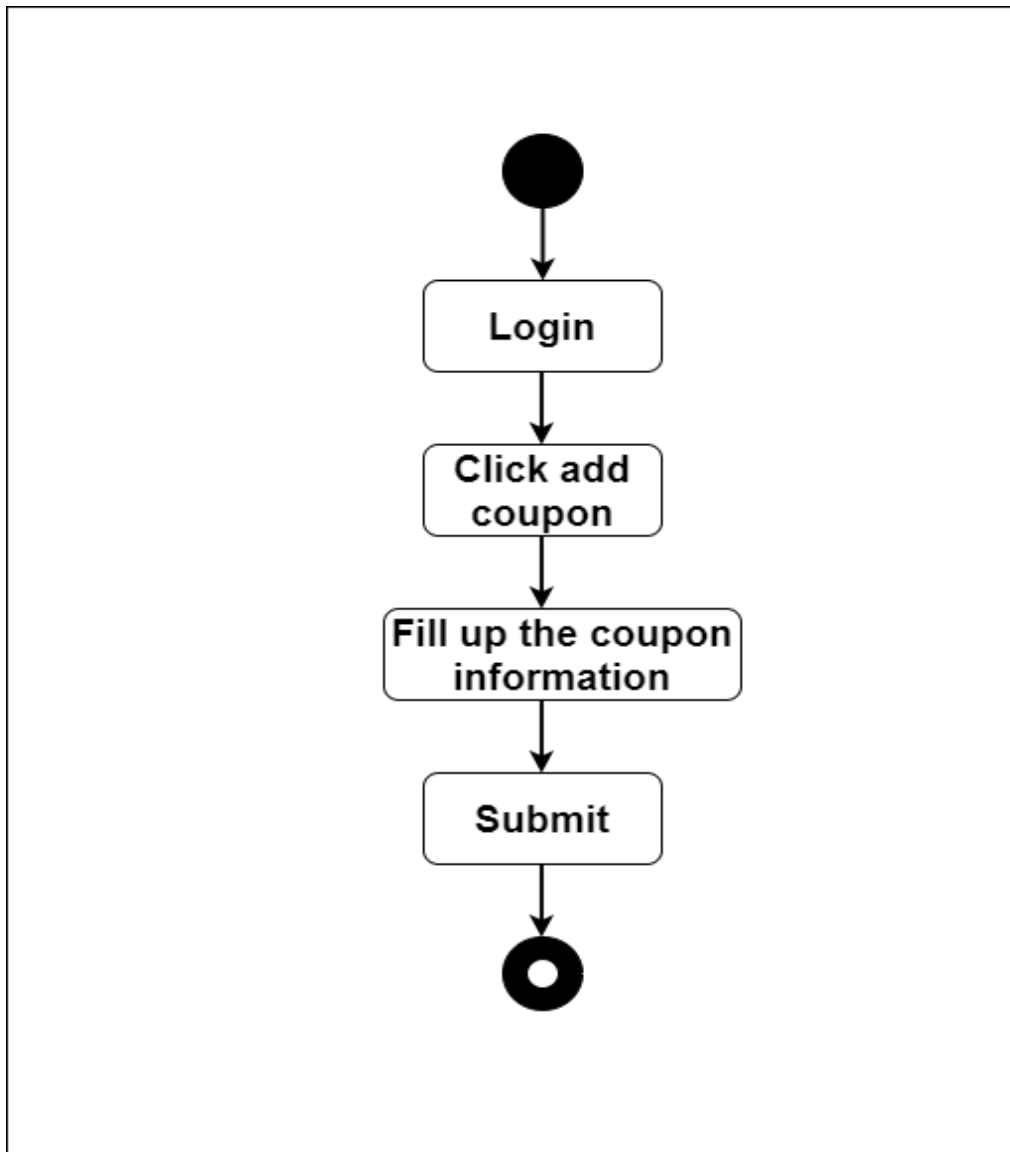


Figure 5.6.6: Activity Diagram for Set Coupon Code

5.6.7 Activity Diagram for Checkout

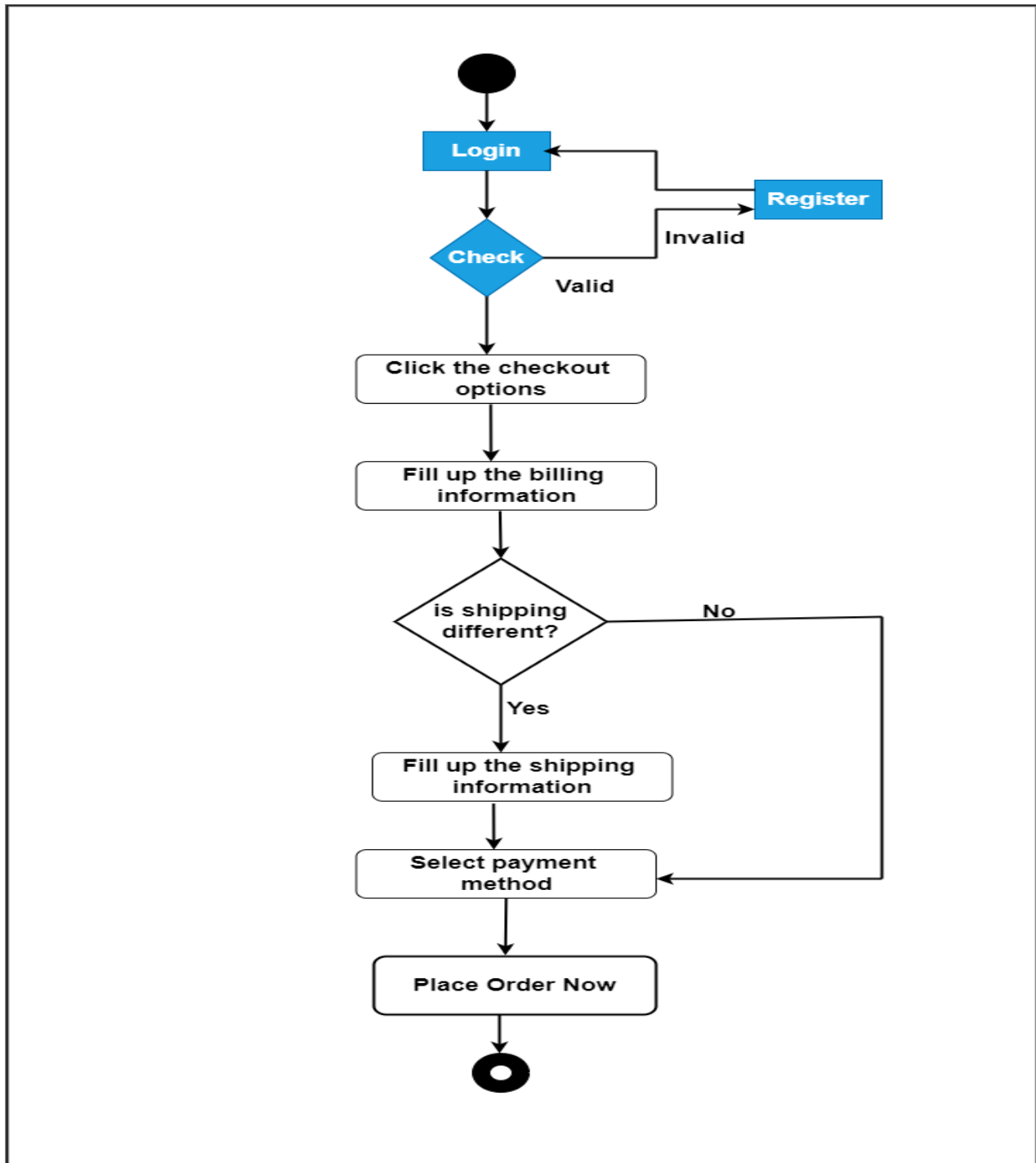


Figure 5.6.7: Activity Diagram for Checkout

5.6.8 Sequence Diagram for User Login

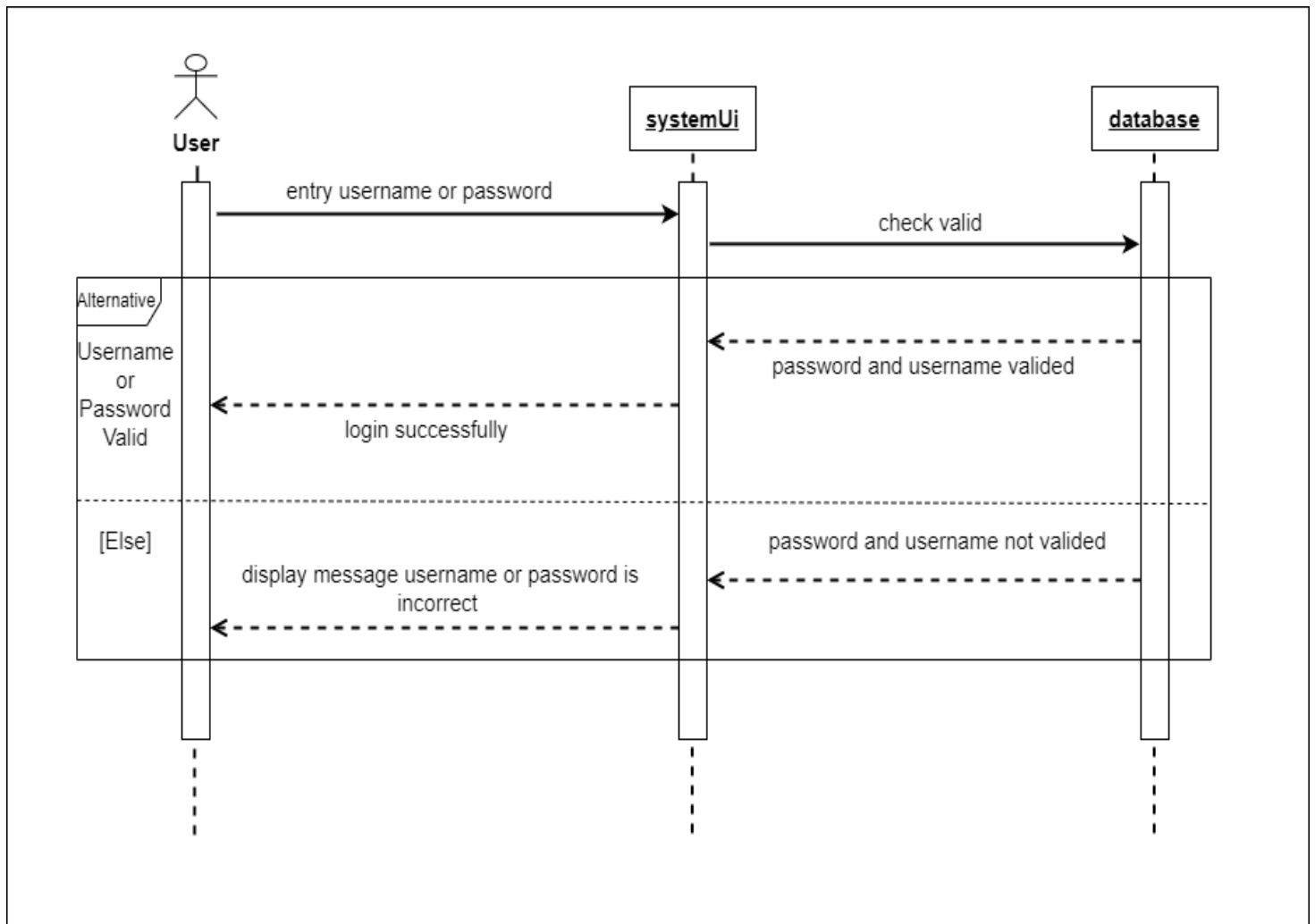


Figure 5.6.8: Sequence diagram for user login

5.6.9 Sequence Diagram for customer checkout

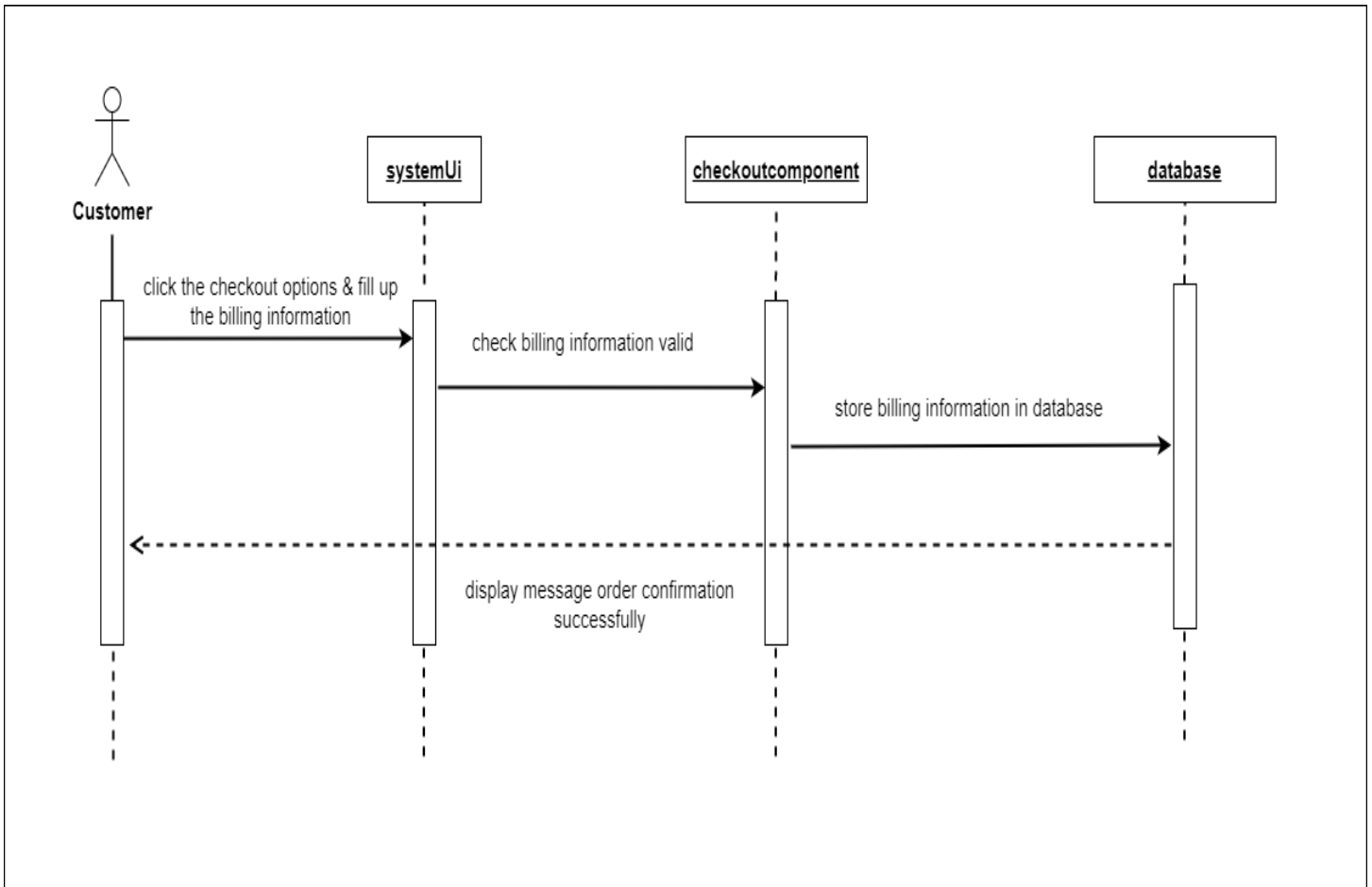


Figure 5.6.9: Sequence diagram for customer checkout

5.6.10 Class Diagram

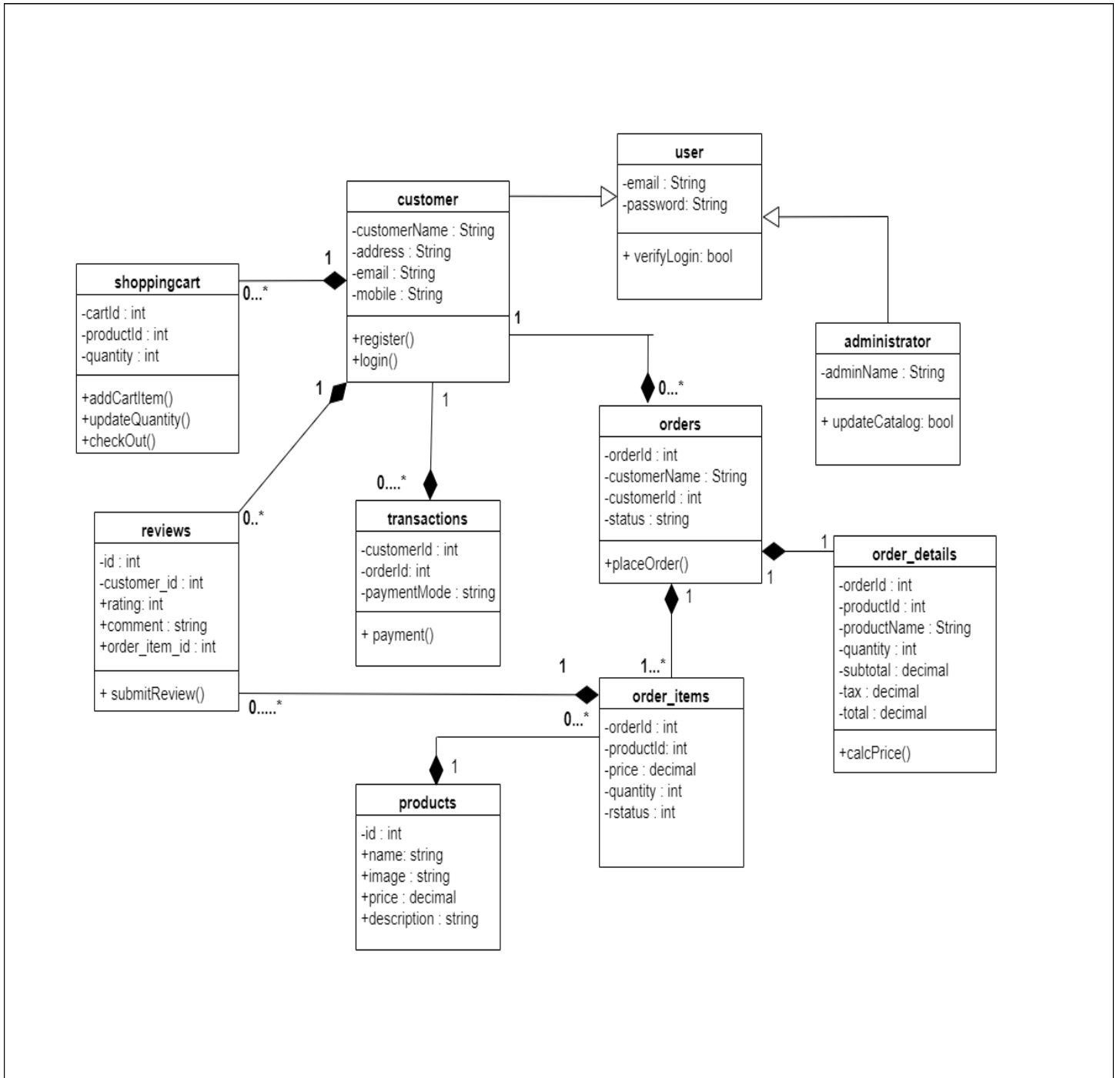


Figure 5.6.10: Class Diagram

5.6.11 Database Design

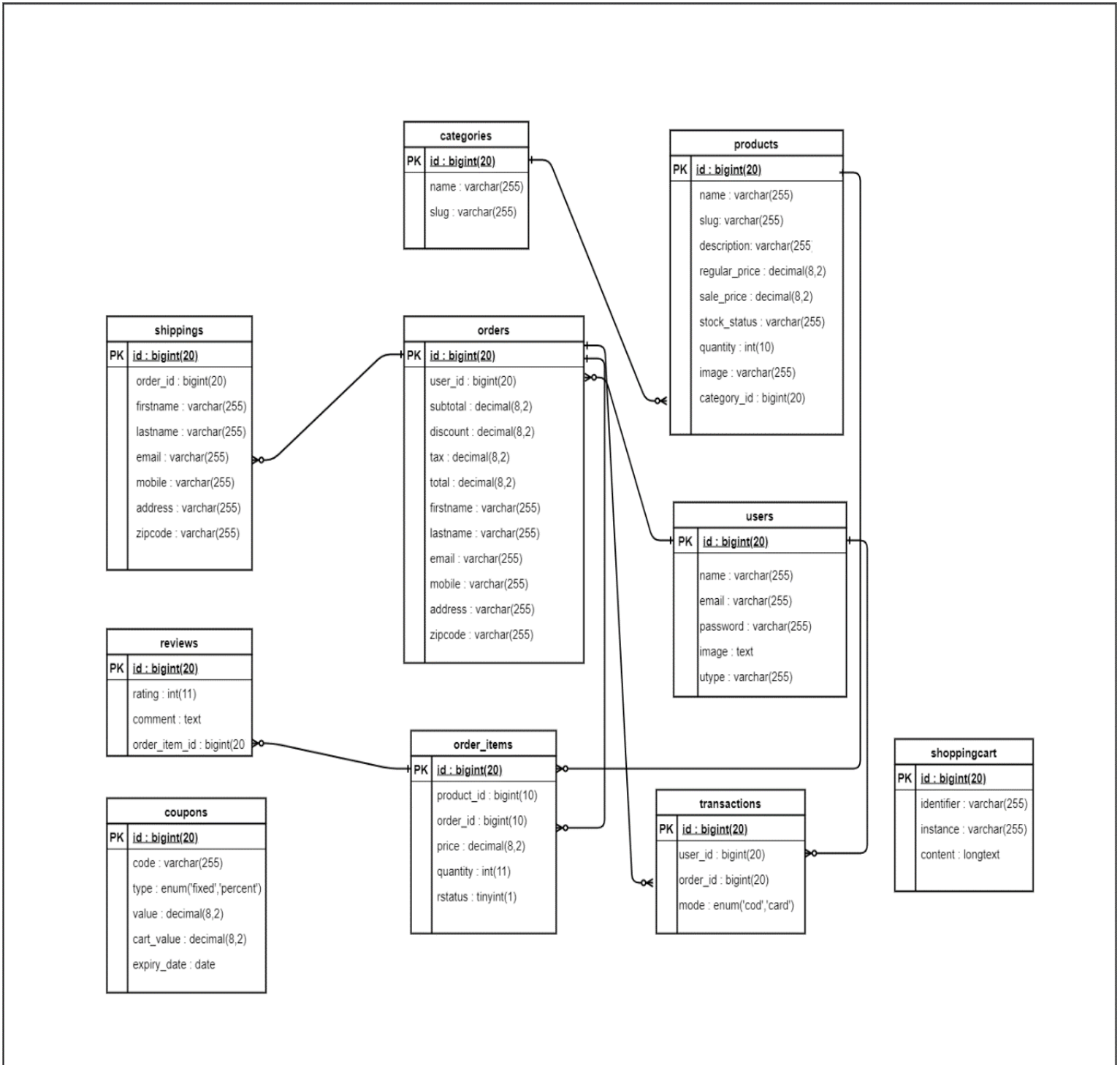


Figure 5.6.11: Database Design

5.6.12 Challenges

My challenge in this project is to understand the concept. When I have begun work on this project, I have faced some issues on logic implementation and I have covered those issues by consulting with our project manager.

5.6.13 Technical Findings

When I doing this project, I have found some technical terms and different work types. From them, I have learned use of the Laravel framework, many laravel packages & JavaScript. Software development can be done easily with the help of Laravel & JavaScript. Also learned how to normalize databases and write good SQL queries.

5.6.14 User Manual

5.6.14.1 Registration

This is customer registration page. Here customer can registration.

HOME / REGISTER

CREATE AN ACCOUNT

Personal Information

Name*

Your name*

Email Address*

Email address

LOGIN INFORMATION

Password *

Confirm Password *

Password

Confirm Password

Register

Figure 5.6.14.1: Customer registration

5.6.14.2 Login

This is customer login page. Here customer can login.

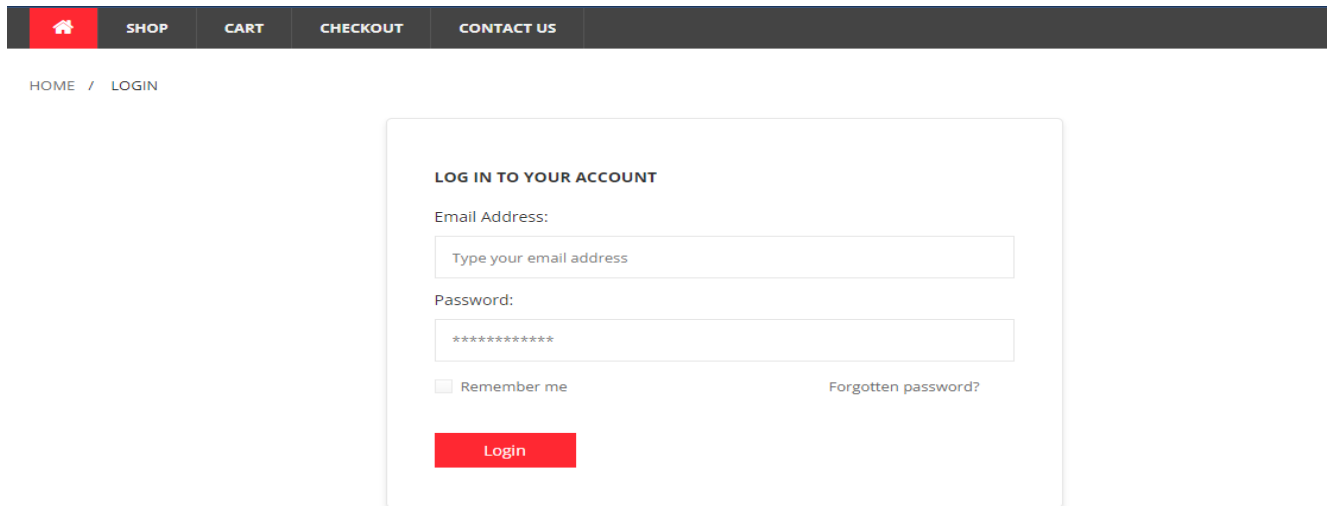


Figure 5.6.14.2: Customer login

5.6.14.3 Home Page

This is customer home page.

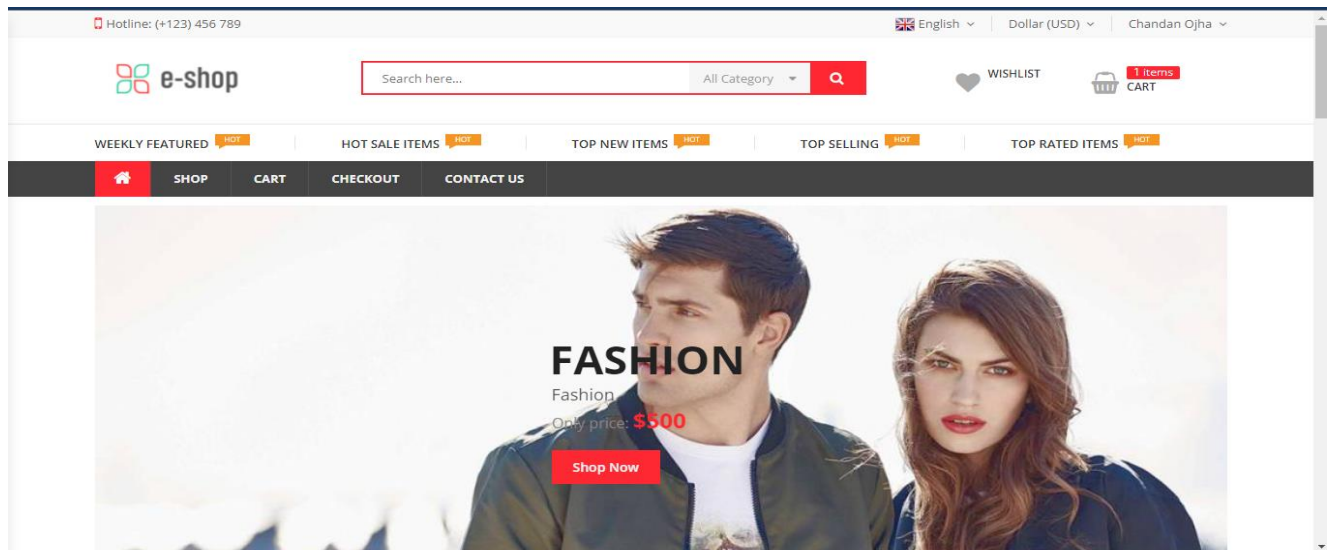


Figure 5.6.14.3: Home page

5.6.14.4 Shop Page:

Here is shop page. In this page customer can view product & add to cart product.

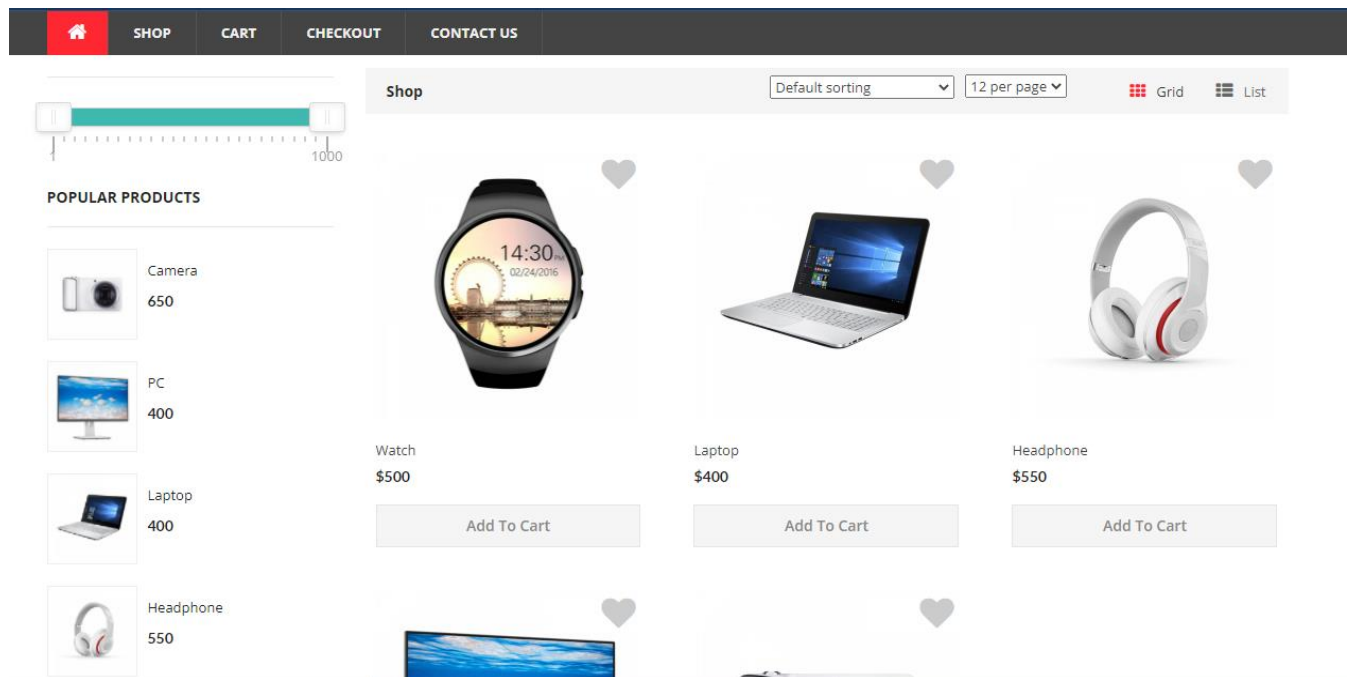


Figure 5.6.14.4: Shop page

5.6.14.5: Product Details Page:

In this page customer can view product details and product review.

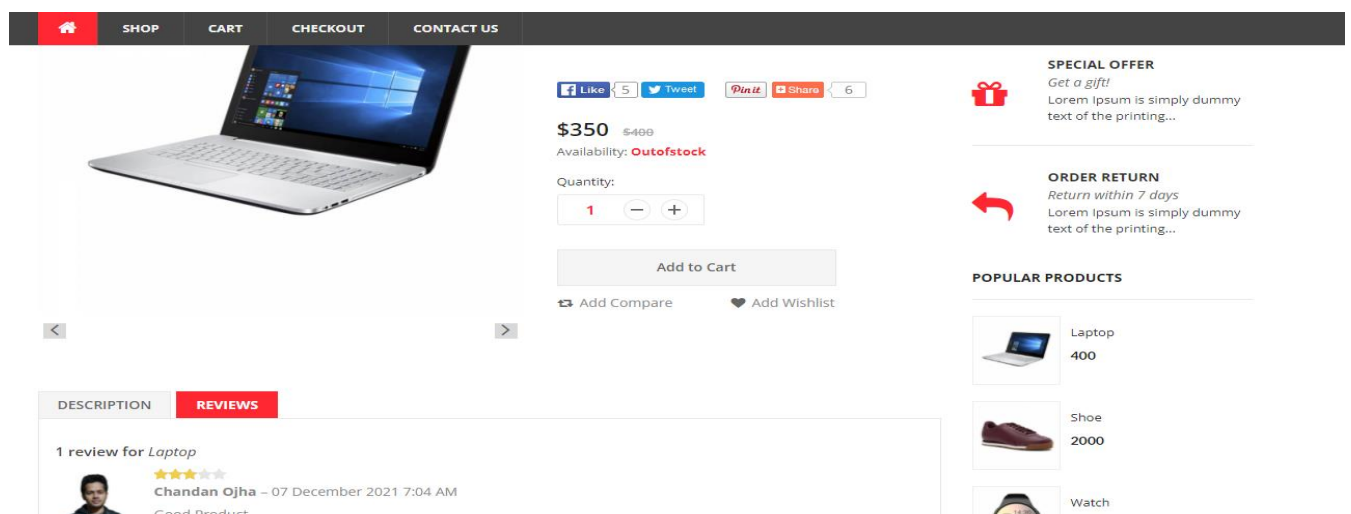



Figure 5.6.14.5: Product details page

5.6.14.6 Cart Page:

After add product to cart customer can view this cart page.

HOME / CART

PRODUCTS NAME

 Laptop	\$400	<input type="button" value="-"/> <input type="button" value="+"/> 1	\$400.00	<input type="button" value="x"/>
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Save For Later

ORDER SUMMARY

Subtotal	\$400.00
Tax	\$20.00
Shipping	Free Shipping
Total	\$420.00

I have coupon code

[Check out](#)

[Continue Shopping](#)

[CLEAR SHOPPING CART](#)

Figure 5.6.14.6: Cart page

5.6.14.7 Checkout Page:

In this page customer can provide her billing information for checkout.

HOME / CHECKOUT

BILLING ADDRESS

First name* <input type="text" value="Your name"/>	Last name* <input type="text" value="Your last name"/>
Email Address: <input type="text" value="Type your email"/>	Phone number* <input type="text" value="10 digits format"/>
Line1: <input type="text" value="Street at apartment number"/>	Line2: <input type="text" value="Street at apartment number"/>
Country* <input type="text" value="United States"/>	Province* <input type="text" value="Province"/>
Town / City* <input type="text" value="City name"/>	Postcode / ZIP: <input type="text" value="Your postal code"/>

Ship to a different address?

Figure 5.6.14.7: Checkout page

5.6.14.8 Payment method

Here customer can select payment method

PAYMENT METHOD

Card Number:

Expiry Month:

Expiry Year:

CVC:

Cash On Delivery

Debit / Credit Card

Grand Total \$420.00

[Place order now](#)

SHIPPING METHOD

Flat Rate

Fixed \$0

Figure 5.6.14.8: Payment Method

5.6.14.9 Customer Dashboard

This is customer dashboard page. Here customer can view her total cost, total purchase, total delivered & total canceled order .And also can view her order details.

Hotline: (+123) 456 789 Lang-En English Dollar (USD) Chandan Ojha

e-shop Search here... All Category WISHLIST 1 Items CART

WEEKLY FEATURED HOT SALE ITEMS TOP NEW ITEMS TOP SELLING TOP RATED ITEMS

SHOP CART CHECKOUT CONTACT US

Total Cost **\$2846** Updated Now

Total Purchase **2** Updated Now

Total Delivered **2** Updated Now

Total Canceled **0** Updated Now

Latest Order

OrderId	Subtotal	Discount	Tax	Total	First Name	Last Name	Mobile	Email	Zipcode	Status	Order Date	Action
27	\$2360	\$590	\$118	\$2478	Chandan	Ojha	462376467676	chandanojha074@gmail.com	1216	delivered	2021-12-08 10:25:00	Details
26	\$350	\$0	\$18	\$368	Chandan	Ojha	1234567891	chandanojha074@gmail.com	1216	delivered	2021-12-07 06:43:00	Details

Figure 5.6.14.9: Customer dashboard

Chapter 6: Experience & Achievements

6.1 Overcome Problems and Difficulties

As a fresher, I had drawbacks on my skill before joining BugsBD Ltd. It takes some time to make me appropriate for working in a company. During my internship period, it was a very challenging time for me. I used to come late from the office. I try to do my best to finish every day's task. Sometimes I don't, so I have to work at my home. But I managed it. At first, there was a problem with the Laravel framework because it was new to me. And not able to solve the problem the first time. As I did not understand how to begin work on it. Then I got help from the project manager. I have moreover searched for resources on Google. I have learned a lot about the office environment, professional life, and colleague behavior. As I was new in professional life, there were a few challenges to me.

6.2 Ability to Learn

Changes can make people either undying or standard. In my case, there happened a radical change in me too. Some way or another, I have the power of learning work exceptionally well. Computer made me presented to a few modern tools and technologies to work in a group environment, a very efficient way for quick knowing software development.

6.3 Working Practices

During my internship period, I have practiced some topics to make my ability stronger. There I have also picked up advanced knowledge about client service. I have learned how to supply client service. Some of my working areas are given below-

6.3.1 Full Stack Web Development

From starting work in this company, I have worked on full-stack web development. I have learned the software development life cycle. I have worked on how to make good quality software. Where I use the technology HTML5, CSS5, JavaScript, Laravel framework & SQL.

6.3.2 Design Pattern

I try to use design patterns in my project. It helps further maintain, code reusability.

6.4 Technology Enhancement

Nowadays the technology is increasing day by day, but it is not much secure. The thing that I have faced is like how to provide security for real life projects. I also learn some technical terms laravel sanctum, livewire & voyager admin package.

6.5 Non-Technical Growth

Non-technical development or soft skill is that which helps to enable carry out technical skill and methods

- ❖ Strong Work Ethic at Office.
- ❖ Positive Attitude.
- ❖ Good Communication Skills.
- ❖ Time Management Abilities.
- ❖ Work With Team.

6.6 Achievement

When a person has contributed his effort to his professional life, the result must be found out at a certain time later. I have also reached my goal. When I have started working with this company, I have faced a lot of issues as being present at the office in due time, completing the assigned work in time. After I overcome all that lack. I have also faced technical problems while I was appointed that project as like using laravel, voyager admin package, MySQL store procedure, etc. It took time to move forward with these issues. I have gained both technical and non-technical knowledge working in this industry. Which is really very helpful for me to do better in my professional life later. By doing this internship I am more sustainable about the sense of time, be more effective on assigned projects.

I would like to thank my supervisor, my project manager at BugsBD Ltd. and my teachers in Daffodil International University for my achievement.

Chapter 7: Conclusions & Recommendations

7.1 Summary

BugsBD Ltd is one of the leader in providing software development services. They ensure that their customers are successful by understanding and being responsive to their needs, as well as working collaboratively with them to provide one-stop faster, cost-competitive and scalable services. I have worked with BugsBD Ltd Software Development team. Here many findings and analysis were talked about already where the company can have the developments. Doing this study I have gained the practical knowledge of software development. Besides knowing the corporate culture, this report has helped me to get a comprehensive idea to grow in my future endeavor. As a final point I would say that recruitment process of BugsBD Ltd is also contemporary and harmonious compared to other organizations in the industry.

7.2 Finding and Contribution

Before starting this internee, I have learned many things from my university courses which have a lot of help in my internship responsibilities with this organization. From this internship, I learn to software development life cycle and also there I have got change to use and implement my learning many types of real life problems & projects.

This internship program made me established to the professional company culture and the technology. It has helped me to develop good judgment, proceed on my own in new technological challenges, and better analytical skills. During team discussions, brainstorming sessions, business process helped me to identify and solve numerous numbers of issues that would have been impossible to solve.

7.3 Recommendation for future work

The recent job market is as tough for fresher's especially in countries like Bangladesh. Because of each year, there are lots of student completed their graduates. But most of them did not find their desire jobs. One of the main reasons for this issue that they have no experience on how to face a professional life or a corporate life.

We are able overcome this issue to be utilized to a work life. For internship this is would be a great choice for new graduates. As a fresher, I have also lots of drawbacks that could fall me in big trouble if I did not have the opportunity to complete the internship.

References

1. **Company website address:** <https://bugsgbd.com/>
2. **Bitbucket link:** <https://chandan932@bitbucket.org/chandan932/ecommerce.git>