



Bahir Dar University
Bahir Dar Institute of Technology

Faculty of Computing
Department Of Software Engineering
Internship Report

at

ALPHA IT SOLUTION
"E-commerce website OneTech"

By

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Contents

- Company Background
- Internship experience
- Project work
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Company Background

History

- Alpha IT Solution, at Addis Ababa since 2019
- Founded By Mr. Dawit
- Recognized in Clutch and Shortlist rankings.



Fig Company logo

...Company Background

Service

- **Website Design and Development**
- **eCommerce Platform Design and Development**
- **Graphic Design and Multimedia**
- **Software and Customer Portal**
- **Network Consulting and Installation**

...Company Background

Some products

- **Jafer_Books/Online_Book_Store_with_Home_Delivery**
- **Asbeza website**
- **Haro_Coffee_Export_Company**
- **And other websites**

...Company Background

Main Customer/End User

- SMEs and large corporations
- Entrepreneurs and startups
- Online retailers and businesses
- Educational institutions
- Nonprofit organizations
- Government agencies
- Healthcare providers
- Professional service providers

...Company Background

Organizational Structure

- Founder/Lead Developer/Mr. Dawit handles all parts of the task
- Workflow:
 - Client Onboarding
 - Project Planning
 - Development Phase
 - Testing and Debugging
 - Client Review
 - Launch and Deployment
 - Post-Launch Support

Internship experience

Section we assigned

- Web development

Tasks Executed

- Detail understand of chosen technology
- Template selection and database design
- Coding
- Testing

...Internship experience

System Development, Tools, and Techniques Used

- **HTML/CSS**
- **PHP Server-Side**
- **MySQL Database**
- **Bootstrap Framework**
- **JavaScript Interactivity**

...Internship experience

Challenges and Problems

- **Unprepared Workspace**
- **Technical Challenge specially to design database**
- **Time Constraints Dilemma**
- **Coordination Issues**
- **Internet Block Challenge specially after finish four-month**

...Internship experience

solutions

- Understanding technologies up to starting internship
- Theoretical Enrichment Amid Challenges
- Task Prioritization for Efficiency
- Collaborative Communication Strategies
- Try to do offline even if tiring

...Internship experience

Skills and experience gained

- Practical skills
 - HTML and CSS Proficiency ,PHP and MySQL Implementation Bootstrap
- Theoretical skills
 - Understanding of those tools
- Team playing skills
 - Effective Communication in Team , Cooperation in Group

...Internship experience

...skills and experience gained

- Leadership Skill:
 - Initiative in Decision-making Guidance and Team Oversight
- Entrepreneurship Skills:
 - Innovation in E-commerce Development Adaptability in Project Evolution Strategic Thinking for Scalability
- Communication Skill:
 - Effective Communication Within and Beyond Team Technical Concepts

Project Work: “E-commerce website OneTech”

Problem statement

- Conventional online/in person shopping especially in our country poses challenges, necessitating a solution for user fatigue, limited accessibility, limited speed, and meeting market demands for innovation.

Solution

- Our strategic e-commerce website development solution aims to avoid fatigue, ensure accessibility, fast due selected technology and enhance client satisfaction, redefining the online shopping experience and meeting modern consumer expectations.

...E-commerce website OneTech”

Objective

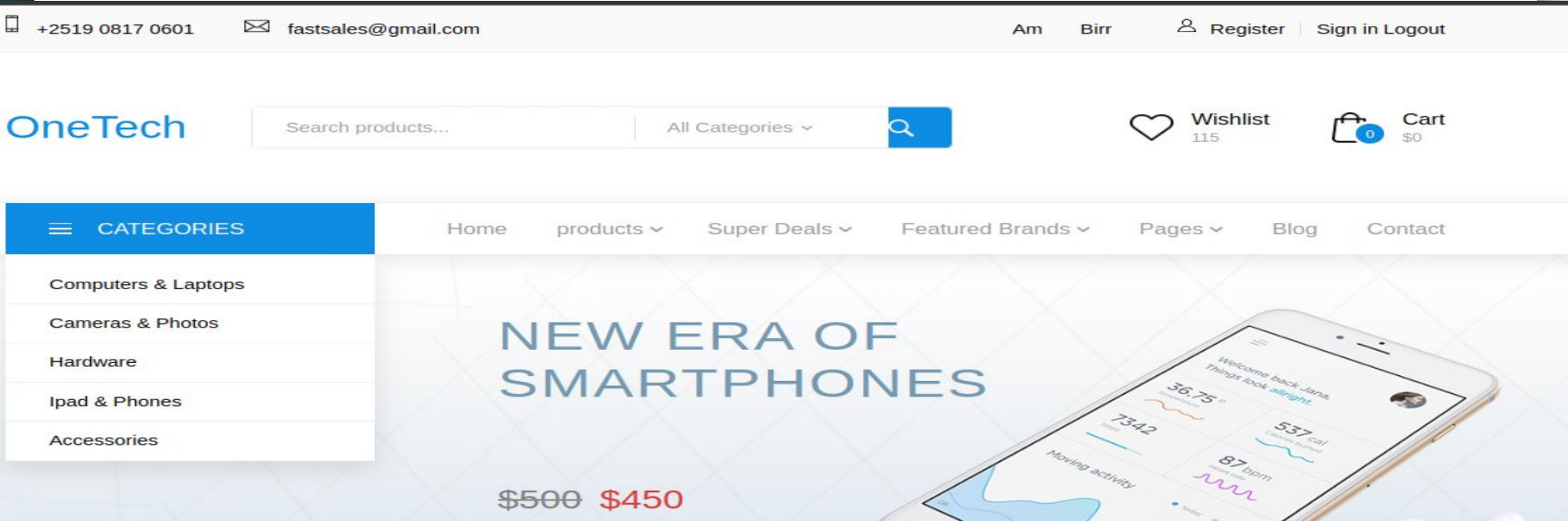
- Developing high speed e-commerce.
- Personalizing shopping experiences and fostering client engagement for a memorable journey.
- Prioritizing accessibility, security, and sustainability to create an inclusive and trustworthy e-commerce platform.

...E-commerce website OneTech”

Methodology

- Template utilization emphasizing simplicity and uniqueness for brand identity.
- Database design optimized for efficient e-commerce operations and data management.
- User-centric focus through research and usability testing for a seamless shopping experience.

...E-commerce website OneTech” sample screenshots



...E-commerce website OneTech”



Huawei Media
Accessories

price = \$150.00
\$250.00 sold

Featured

On Sale

Best Rated

-25%



\$250.00 \$225.00
Huawei Media

-25%



\$250.00 \$150.00
Huawei Media

-25%



...E-commerce website OneTech”



lpad & Phones

Huawei Media

no description found for this product, please come later

Quantity: 2



Color:

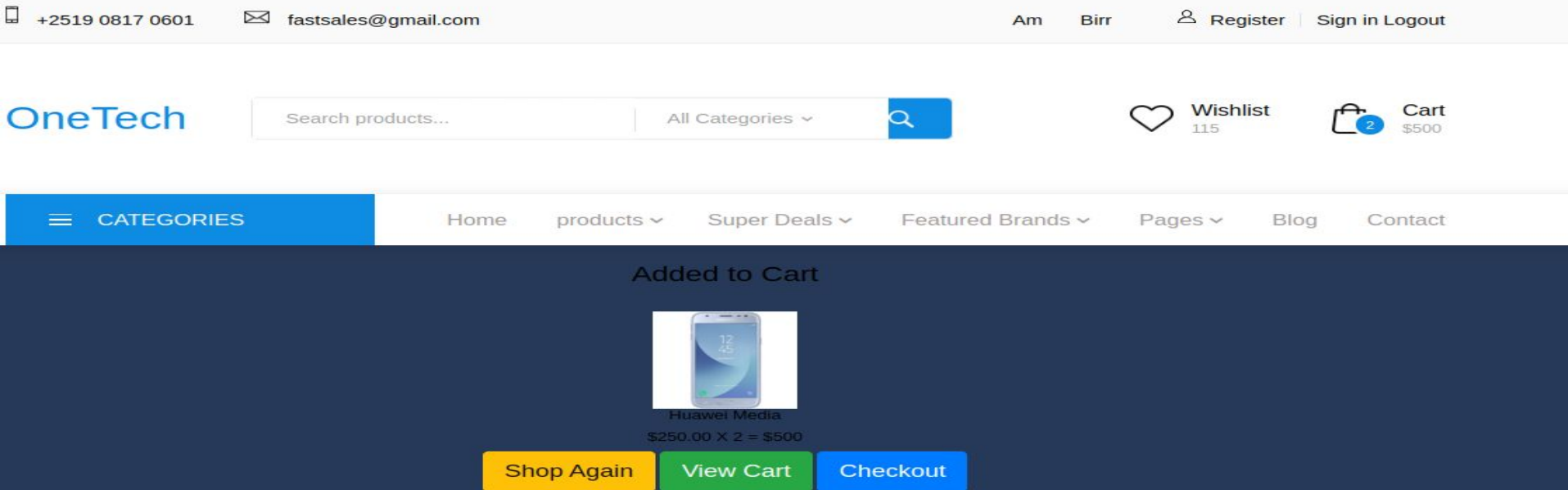


\$250.00

Add to Cart



...E-commerce website OneTech”



...E-commerce website OneTech”

☰ CATEGORIES

[Home](#)

[products ▾](#)

[Super Deals ▾](#)

[Featured Brands ▾](#)

[Pages ▾](#)

[Blog](#)

[Contact](#)

Shopping Cart



Name

Color

Quantity

Price

Total



Huawei Media

N/A

2

\$250.00

\$500

Order Total: **\$500**

[Empty Cart](#)

[Update Cart](#)

[Shop Back](#)

[Check Out](#)

[Log Out](#)

...E-commerce website OneTech”

10000000 abc xyz

☐ **Abyssinia Bank**

20000000 abc xyz

Payment Methods

☒ **Direct Bank Transfer**

Make your payment directly into our bank account. Your order won't be shipped until the funds have cleared in our account.

☐ **Mobile Banking**

Pay with your Phone. You can keep the Screen Capture of your payment details for confirmation.

☐ **Cash Payment at Store**

Pay with cash in Store after Putting your order.

☐ **Cash Payment at Delivery**

Pay with cash while Receiving your Order.

post code here

Your email to receive order details

Additional Information **(Optional)**

Notes about your Orders

Please Note: Your Order will be Processed within A Day. Please check your email / spam folder for order confirmation after you click "place order" button OR Please Get in touch with your PHONE to Receive your Orders.

Total item price: \$500

Shop

Place Order

Get in touch

CONTACT INFORMATION

fastsales@gmail.com

+2519 0817 0601

...E-commerce website OneTech”

Shipment Type

☒ **Home Delivery**

After Making your payment, We will process your shipment and deliver your Products to the provided Home Address. Please Get in touch with your phone to Receive your Orders.

☐ **Pick From Store**

After Making your payment directly into our bank account, We will Organize and make ready of your Products. Please Come and Pick your Products Package instantly from Our Store.



Sign up for Newsletter

...and receive %20 coupon for first shopping.

Subscribe

[UNSUBSCRIBE](#)

...E-commerce website OneTech”

Sub Total (2 Items)

\$500.00

Payment Method:

1

Shipping Method:

3

Shipping Charge:

\$30.00

GRAND TOTAL

\$530.00

[Shop Again](#)

[Confirm Payment](#)

[Log Out](#)

For More info

fastsales@gmail.com

+2519 0817 0601

...E-commerce website OneTech”

First Name *	Last Name *	
<input type="text" value="sireat"/>	<input type="text" value="mihretu"/>	
Reference Number		
<input type="text" value="ghghhgh"/>		
<input type="text" value="8"/>	<input type="text" value="09"/>	<input type="text" value="2015"/>
<input type="button" value="Confirm Payment"/>		

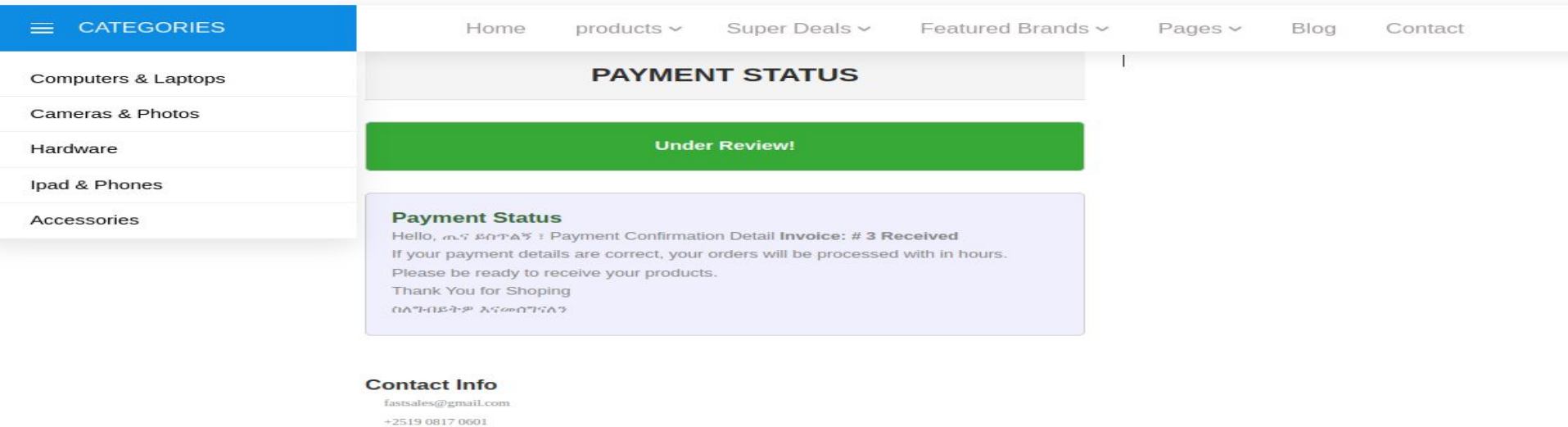
እነዚህን ያስተውሉ-ትልቀቃዎን በአንድ ቀን ውስጥ ይካሄዳል። ለትልቀቃ ማረጋገጫ እነዚህን የኢሜል / ለይራሊ መልዕክት አቃራኝን ይረኩሩ ወይም ትልቀቃውን ለመቀበል «Confirm Payment» የሚለውን ጠቅ ካደረጉ በኋላ ትልቀቃውን ለመቀበል ስልክዎን በአቅራቢያዎ ያትሩ።

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...E-commerce website OneTech”



Conclusion

Technologies i.e PHP, HTML, CSS, JavaScript, Bootstrap, and MySQL in the development of our e-commerce website not only showcases technical proficiency but also signifies a strategic integration of technologies, resulting in a dynamic and secure platform that caters comprehensively to user and customer needs, establishing a solid foundation for continuous improvement and future scalability. Basically thes technologies have high speed rather than using frameworks.

Thank You!