



**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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- 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 preparing workspace
- 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, user fatigue, limited accessibility, limited speed, and doesn't meet 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.

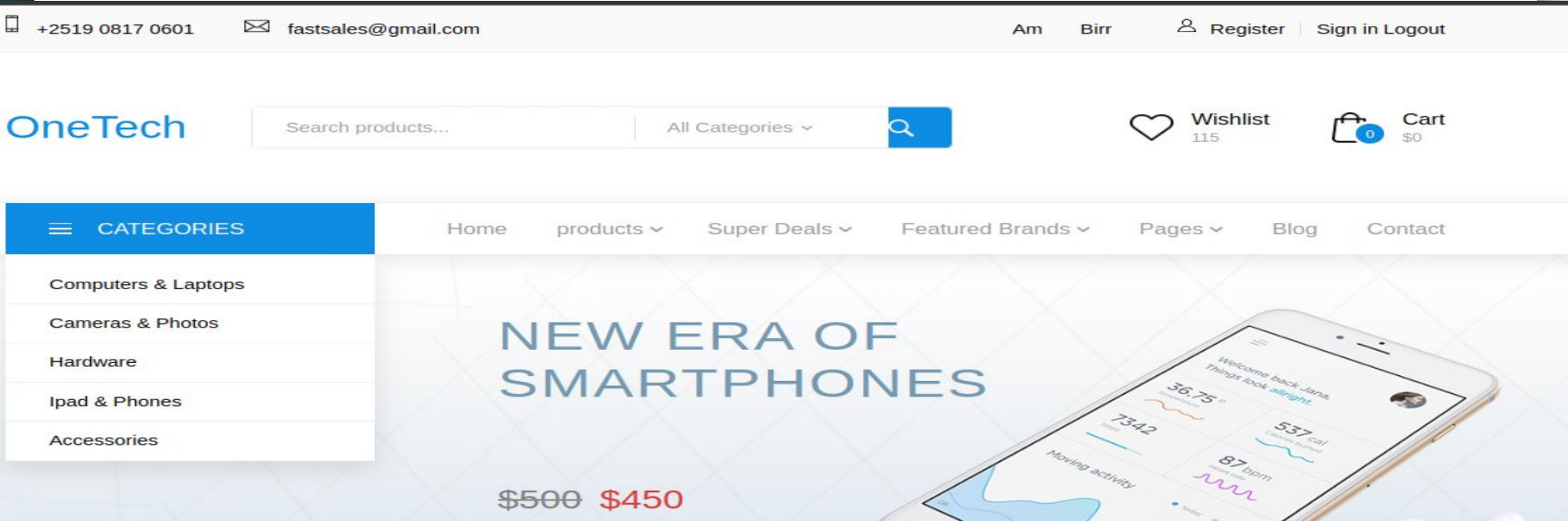
## ...E-commerce website OneTech”

### 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:

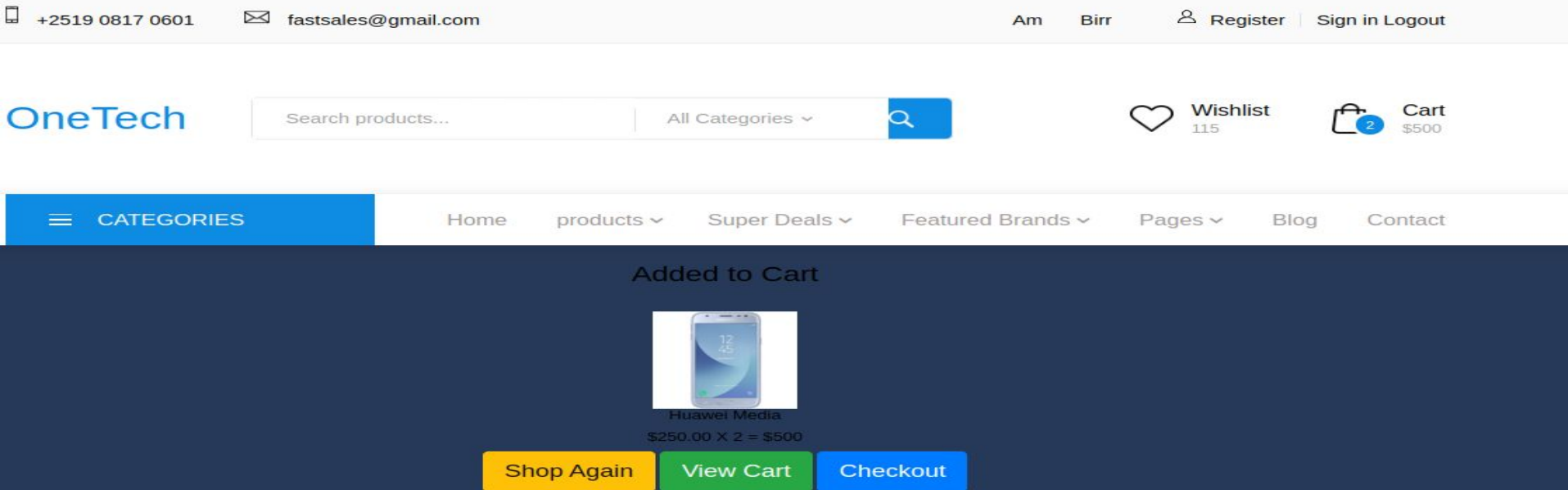


\$250.00

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](mailto:fastsales@gmail.com)

+2519 0817 0601



...E-commerce website OneTech”

- ☰ CATEGORIES
- Computers & Laptops
- Cameras & Photos
- Hardware
- Ipad & Phones
- Accessories

Computers &amp; Laptops

Cameras &amp; Photos

## Hardware

Ipad &amp; Phones

## Accessories

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**PLEASE CONFIRM YOUR PAYMENT**

Please fill this form After You Make Payment!

**Order Summary**  
Invoice #: 3  
Quantity: 2  
Total: \$530.00

**Order Summary**  
Invoice #: 3  
Quantity: 2  
Total: \$530.00

**Order Summary**  
Invoice #: 3  
Quantity: 2  
Total: \$530.00

**Order Summary**  
Invoice #: 3  
Quantity: 2  
Total: \$530.00

**Select Bank**

☒

Commercial Bank

☐

Abyssinia Bank

☐

Dashen Bank



Commercial Bank



  
Abyssinia Bank



  
Dashen Bank

## ...E-commerce website OneTech”

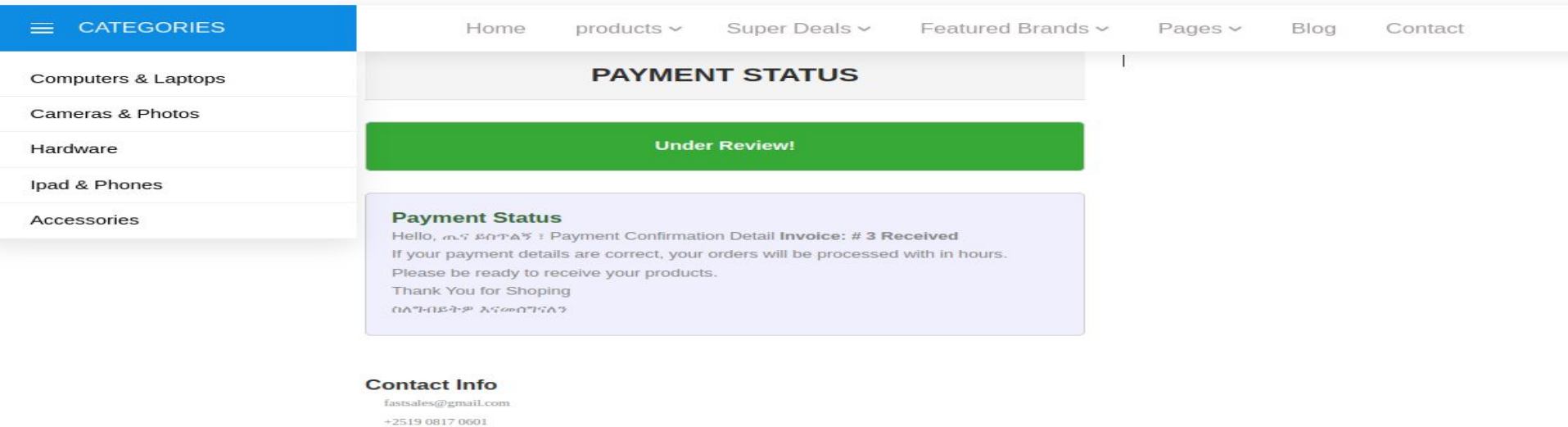
First Name *	Last Name *	
<input type="text" value="sireat"/>	<input type="text" value="mihretu"/>	
Reference Number		
<input type="text" value="ghghghgh"/>		
<input type="text" value="8"/>	<input type="text" value="09"/>	<input type="text" value="2015"/>
<input type="button" value="Confirm Payment"/>		

እነዚህን ያስተውሉ-ትልቁን በእነዚህ ቀን ውስጥ ይካሄዳል። ለትልቁን ማረጋገጫ እነዚህን የኢሜል / ለይራሊ መልዕክት አቅራቢ ይረዱት ወይም ትልቁን ለመቀበል «Confirm Payment» የሚለውን ጠቅ ካደረጉ በኋላ ትልቁን ለመቀበል ከልክዎ በኋላ ይረዱት ይችላሉ።

### Contact Info

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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!