**HATOD (Handling and Tracking of Deliveries): A WEB-BASED DELIVERY TRACKING SYSTEM FOR DUANE AND DWIGHT ENTERPRISE WITH SMS NOTIFICATION**

A Capstone Project

Presented to the Faculty of the

Department of Computer and Information Sciences

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In Partial Fulfillment

of the Requirements for the Degree

BACHELOR OF SCIENCE IN INFORMATION AND COMMUNICATIONS TECHNOLOGY

By

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We, the researchers, extend our greatest gratitude to our parents and families for always being supportive and giving—especially to the Kaindoy Family and the employees at Duane and Dwight Enterprise for always accommodating us in our requests and site visits. To our colleagues who made the days and nights lively and enjoyable, you guys rock! To our adviser Ms. Angie Ceniza, for her patience and guidance. And lastly, to the Almighty God, for keeping us safe in this whole journey. We are truly thankful to everyone who helped us grow and develop through this whole research journey, this work would not have been possible without the continuous encouragement and guidance of everyone.

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**ABSTRACT**

Delivery scheduling and monitoring are important factors to consider for hardware enterprises and other similar businesses. These processes play a vital role in tracking the efficiency and organization of one’s business work flow. Some businesses may disregard these to focus and prioritize on production and ordering to maximize profit, but not necessarily. Thus, the goal is to contribute a delivery tracking system, that assist the profiting factors without diminishing and/or delaying the efficiency of scheduling and monitoring factors. This study proposed a delivery tracking system that allows an admin to know the delivery details—items ordered, delivery personnel and vehicle, and track in real time the whereabouts of the delivery. It can systematically record all the transactions made, for easy monitoring of orders and deliveries. All in all, the tracking system provided efficiency to the owner and clerks-in-charge in Duane and Dwight Enterprise in making the transactions, tallying the transaction reports, and tracking the location of a delivery vehicle. A Black Box Testing with 25 test cases was done by 5 programmers and the results were defined by an 80% “Acceptable” and 20% “Not Acceptable” rate. While another User Acceptance Testing was also conducted by 5 clerk-in charge, 4 delivery personnel and by Mr. Daniel Kaindoy, that resulted to an average score of 4.4 interpreting that the system’s overall objective were Very Acceptable.

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**Age:** 23 years old

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**Language Proficiency:** English (written and verbal), Tagalog (written and verbal), Bisaya (written and verbal)

**Computer PMS and Software Skills:** Proficient in MS Office (Word,Excel,Outlook,PowerPoint). Digital Imaging (Adobe Photoshop) Video Editing(Adobe After Effects and Premiere Pro cc).

**EDUCATIONAL BACKGROUND**

**Educational Level**

Present

Univiersity of San Carlos – Technical center(Talamban Campus)

Tertiary

1st Year- 4th Year HighSchool

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**CERTIFICATIONS AND ACCREDITATIONS**

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**International Conference on Information and Communication Technology for Disaster Preparedness and Response**

CVISNET Foundation INC. and NTT Network Innovation Laboratories, Japan

November 29, 2017

**PhNOG Regional Conference 2017: Our Philippine Internet**

Philippine Network Operators Group

February 26-28, 2018

**Introduction to Linux Operating System**

Department of Information and Communications Technology and CVISNET Foundation INC.

**STRENGTHS/TRAITS AND SKILLS**

1. Hand-on experience

2. Strong presentation skills

3. Can multi-task

4. Good social skills

5. Able to work within tight schedule

**Technical Skills:**

• Capable of optimizing Webpages using PHP

• Has basic knowledge in PHP.

• Basic Knowledge in database designing and implementation in database using MySql and PhpmyAdmin.

• Knows how to digital imaging, Film Editing (Multimedia Softwares ADOBE PREMIERE, EFFECTS, PHOTOSHOP)

• Knowledge in setting up a cisco network

**CAREER OBJECTIVES**

To use my skills in the best possible way for accomplishing the company’s goals.

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**EDUCATIONAL BACKGROUND**

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Present

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November 29, 2017

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**Introduction to Linux Operating System**

Department of Information and Communications Technology and CVISNET Foundation INC.

**STRENGTHS/TRAITS AND SKILLS**

1. Flexible skills

2. Multi-tasking

3. Can Share idea to solve problems

4. Can work under pressure

5. Responsible and Hardworking

6. Able to comply task before deadline

**Technical Skills:**

• Capable of optimizing Webpages using PHP

• Has basic knowledge in PHP.

• Basic Knowledge in database designing and implementation in database using MySql and PhpmyAdmin.

• Knows how to digital imaging, Film Editing (Multimedia Softwares ADOBE PREMIERE, EFFECTS, PHOTOSHOP)

• Knowledge in setting up a cisco network

**CAREER OBJECTIVES**

To use my skills in the best possible way for accomplishing the company’s goals.

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**Language Proficiency:** English (written and verbal), Tagalog (written and verbal), Bisaya (written and verbal)

**Computer PMS and Software Skills:** Efficient user of MS Office softwares like Word, Excel, PowerPoint, Access, and Note. Capable of image and video editing using Adobe Photoshop, Adobe InDesign, and Adobe Premier.

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**Educational Level**

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Univiersity of San Carlos – Technical center(Talamban Campus)

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2012

St. Joseph’s School - Mactan

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Department of Information and Communications Technology and CVISNET Foundation INC.

**STRENGTHS/TRAITS AND SKILLS**

**Intrapersonal Skills**

* Determined and goal oriented
* Persistent and persevering in challenging situations
* Has a positive outlook in life

**Interpersonal Skills**

* Willing to adopt to an organization’s norms, culture and rules
* Is flexible and can work well with others
* Respects others believes and religion

**Technical Skills**

* Has knowledge on PHP and C computer language
* Capable of Implementing UI in website using HTML
* Basic Knowledge in database designing and implementation in database using MySql and phpmyAdmin
* Capable of basic computer troubleshooting and networking
* Is a video editing enthusiast using video editors like Adobe Premier,Sony Vegas and Microsoft Movie Maker
* Internet savvy

**CAREER OBJECTIVES**

I am looking for a job where I could apply the knowledge I have acquired and develop my personality while continuing to develop my skills. I would also want to bring out the best of my potential for the benefit of my employer and for myself.

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**Computer PMS and Software Skills:** Proficient in MS Office (Word,Excel,Outlook,PowerPoint). Digital Imaging (Adobe Photoshop) Video Editing(Adobe After Effects and Premiere Pro cc).

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**Educational Level**

Present

Univiersity of San Carlos – Technical center(Talamban Campus)

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University of San Carlos-South Campus

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March 7,2014

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September 20-21, 2017

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CVISNET Foundation INC. and NTT Network Innovation Laboratories, Japan

November 29, 2017

**PhNOG Regional Conference 2017: Our Philippine Internet**

Philippine Network Operators Group

**STRENGTHS/TRAITS AND SKILLS**

1. Can manage time in efficient manner

2. Able to work within tight schedules

3. Can suggest solution to problems in a situation

4. Can work under pressure

5. Responsible and Hardworking

6. Able to accomplish assigned task

**Technical Skills:**

• Capable of Implementing UI in website using HTML and CSS3.

• Has basic knowledge in PHP.

• Basic Knowledge in database designing and implementation in database using MySql and PhpmyAdmin.

• Knows how to edit high definition images in Adobe Photoshop and edit high quality videos in Adobe After Effects and Premiere.

• Knowledge in setting up a network

**CAREER OBJECTIVES**

I am seeking for a position wherein I could apply all my experiences and trainings. I am willing to be trained for personal development also to learned new skills in the training

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