** MINISTRY OF EDUCATION AND TRAINING**

**FPT UNIVERSITY**

Capstone Project Document

Find Fit Shoes

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| **Capstone Project code** | FFS |

-Ho Chi Minh City, 09/2014-

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# Report No. 1 Introduction

## Project Information

* Project name: **Find Fit Shoes**
* Project Code: **FFS**
* Product Type: **Website**
* Start Date: **Sep 9th, 2014**
* End Date:

## Introduction

In recent years, the development of e-commerce in Vietnam brings significant changes and conveniences in our life. Instead of going to the conventional retail stores to choose the things to buy in tradition way, we can order many kinds of product by online shopping. There is a number of e-commerce websites allow us to buy a wide range of items, and delivery to your home that can be time saving and lower cost, but they also have some disadvantages. We usually see product through some pictures and details, and if we want to experience the product before purchase, they do not allow that. When we want to buy a shoe, which is really a big problem. We cannot check how the shoe feels on our feet. And we do not know exactly our feet size fit which size in several different shoe-size systems.

That’s why users have had the frustrating experience of ordering shoe online, only to find that the shoes do not fit their feet correctly. And when they have to return back, it’s really time-consuming and cost-ineffective for both buyer and seller. Our system will, therefore, help users to deal with this problem, find the shoes which fit to their true size on the current selling shoe websites in Vietnam and support users order them.

## Current selling shoes websites in Vietnam

Most of current e-commerce website, particularly in Vietnam, just sell shoe like other items. They have search and filter functions depend on some criteria like brand, style, price, color, origin and so on. Users usually decide to order a product rely on some descriptions and images that provided from these websites such as zalora.vn, lazada.vn, giaytot.com, giayworld.com, etc. Some websites have the articles or tips that guide user how to choose the shoes fit to their size. However, no website, currently, has any functions that allow user to input their feet size in order to calculate their true shoe size in different shoe-size system and suggest the shoes fit to them.

## Problem Definition

Below are the advantages and disadvantages of current selling shoes websites**:**

* Advantages:
* Easy to search or get information about the products.
* Saving your time and cost of travelling to see products in real to make a choice.
* Almost have good home delivery service.
* Disadvantage:
* Just show details of products, doesn’t show which shoes are suitable for customer.
* Cost a lot of time to compare product with other website’s ones.
* Do not support the users to calculate their shoe size based on feet size.

## Proposed Solution

The system will support users to input their feet size to calculate shoe size in the different system and suggest the shoes that are sold at the parsed websites in Vietnam then support to order them. The system will have the following functions:

### **Feature functions**

* Administrators can manage the system, manage accounts, and configure system.
* System can parse the current selling shoe website to get the useful information, recommend or suggest shoes fit user’s size, support order product online.
* Staff will define or configure and train the parser that collects data from other webs to mine.
* Users can calculate their shoe size based on inputted feet size, search the available products in the parsed website.
* Trainings module will help system recognize products are already existed in database.

### Advantages and disadvantages

* The advantages and disadvantages of the proposed solution:
* Advantages:
* Provide function suggest shoes fit with customer.
* Reduce time to compare products.
* Get review from previous customer, rating.
* Calculate shoe size base on customer’s feet size if they don’t know.
* Support customer order product from the parsed websites.
* Disadvantages:
* Users must have a computer to use this system. Internet connection is required to obtain the latest information.

## Functional Requirements

Function requirements of the system are listed as below:

### Data Management

* System will parse data from many websites automatically at specific times.
* Staff can force the system to parse data any time.
* Staff can input data manually.
* Staff can compile statistics.

### System Management

* System evaluates the inputted product to give suggestion and proposal.
* System can parse the website to get useful information.

### Suggestion

* System can suggest the suitable shoes from the products sold at the parsed websites to the user which meet customer’s criteria.

### Calculate Shoe Size

* Guide user measure their feet size; calculate the true shoe size based on their inputted.
* To find the shoe size based on two way determining: length of foot (centimeter) and width of foot (centimeter). After calculate size length or width of foot, based on chart indicates measurements for the men’s shoe sizes, women's shoe sizes, children's shoe sizes to suggest suitable product .

Reference: “The Foolproof Way to Finding Your True Shoe Size” - <http://www.ebay.com/gds/The-Foolproof-Way-to-Finding-Your-True-Shoe-Size-/10000000177630037/g.html>”

## Role and Responsibility

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Table 1: Roles and Responsibilities