** 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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# Table of Contents

[Table of Contents 4](#_Toc398175689)

[List of Tables 4](#_Toc398175690)

[Report No. 1 Introduction 5](#_Toc398175691)

[1. Project Information 5](#_Toc398175692)

[2. Introduction 5](#_Toc398175693)

[3. Current Comparison websites in Vietnam 5](#_Toc398175694)

[4. Problem Definition 5](#_Toc398175695)

[5. Proposed Solution 6](#_Toc398175696)

[5.1 Feature functions 6](#_Toc398175697)

[5.2 Advantages and disadvantages 6](#_Toc398175698)

[6. Functional Requirements 6](#_Toc398175699)

[6.1 Data Management 6](#_Toc398175700)

[6.2 System Management 7](#_Toc398175701)

[6.3 User Management 7](#_Toc398175702)

[6.4 Suggestion 7](#_Toc398175703)

[6.5 Calculate Shoe Size 7](#_Toc398175704)

[7. Role and Responsibility 7](#_Toc398175705)

# List of Tables

[Table 1: Roles and Responsibilities 7](#_Toc377162038)

# 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

* Today, many people are very busy in modern lifestyle. Instead of go to a shop to find fit shoes, they chose online shopping, which saving time, money and solve traffic problem.
* There are very many shoes selling websites developed to support people buy something without go out. But, that websites usually only products details and customers cannot compare with same products on other website easily.
* Our system will help customer do that and chose fit shoes from difference websites suit with their criteria like: famous brand, economy, color …

## Current shoes selling websites in Vietnam

There are 3 style website:

* Zalora.vn, Lazada.vn, Tiki.vn have useful functions, let people search and see details of each product. But all that products are had in their website and we can’t compare them with another website.
* There are many medial website selling shoes from many shops other which are registered. Ex: Enbac.vn, Vatgia.com, Cucre.vn … and Sendo.vn - a very convenience website to find good shoes. It has many criteria choice: brand, style, price, color, origin …
* But all above websites are not specialized for selling shoes. They sell fashion products include shoes. Giaytot.com is difference. Their website has news about shoes fashion, trends, collections, tips using shoes … But like group 1, they just sell their products.

## Problem Definition

Below are the advantages and disadvantages of current shoe selling website:

* **Group 1:**

+ Advantages:

* Easy to search or get information about the products.
* It save your time and cost of travelling to see products in real to make choice.
* Good home delivery service.

+ Disadvantage:

* Doesn’t show which shoes are suitable for customer, it has just show details of products.
* Cost a lot of time to compare product with other website’s ones.
* **Group 2:**

+ Advantages:

* All of group 1 advantages.
* Compare product with other shop’s ones easily.

+ Disadvantages:

* Doesn’t show which shoes are suitable for customer, it has just show details of products.
* **Group 3:**

+ Advantages:

* Because it’s specialized for selling shoes, it cover almost information about shoes.
* Provide news about shoe’s fashion, trend …

+ Disadvantages:

* Doesn’t show which shoes are suitable for customer, it has just show details of products.
* Cost a lot of time to compare product with other website’s ones.

## Proposed Solution

The system is intended for use by those with a laptop/computer, smart phone or tablet with Internet connection.

The system will have the following functions:

### **Feature functions**

* Admins can manage the system, manage accounts, and configure system.
* System can evaluate the inputted product to give suggestion or proposal, beside that it will parse the web to get the useful information.
* Staff will define or configure the weight of criteria and collect data from web to mine.
* Users can request to search and get the suggestion with set of selected products and recommend and rating for each product.
* 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 full of details suggest about shoes fit with customer
* Reduce time to compare products.
* Get review from previous customer, rating.
* Calculator size of shoes from function website provided.
* Disadvantages:
  + Users must have a laptop/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 define or configure weight criteria manually or train to the machine.

### System Management

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

### User Management

* Admins can manage users.

### Suggestion

* System can suggest the suitable solution to buy a product or a list of products to the user which is under their budget or consistent with customer’s criteria.

### Calculate Shoe Size

* Support customer find out their shoe size.

## Role and Responsibility

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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Table 1: Roles and Responsibilities