** MINISTRY OF EDUCATION AND TRAINING**

**FPT UNIVERSITY**

Capstone Project Document

Find Fit Shoes

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Report No. 3

System Requirements Specifications (SRS)

# User Requirement Specification

## Guest Requirement

Guest is a person who doesn’t have access to the system. Guest can use some functions

in the system. To use all functions, guest must login. These are some functions guest can

use:

* Register.
* Ask for system suggestion.
* Search product.
* Add product to cart.
* Suggest product

## Member Requirement

Member is guest who uses his account to login to the system. Member can use additional functions, such as:

* Rating products
* View product history.
* View compares.

## Staff Requirement

Staffs are the person who manages hardware and products. Staff can use these functions:

* Manage products.
* Manage parsers.
* Configure system.

## Admin Requirement

Admin is the person who manages the system. Admin can use these functions:

* Manage user.

## System Requirement

System is also an actor, run in the background to keep the system working.

System can do functions:

* Parse data.
* Update price.

# System Requirement Specification(Specific Requirements)

## External Interface Requirement

### User Interface

* The interface of website is clear, do not annoy customer.
* The error, warning messages must be make clear, easy to understand. Error warning does not disturb customer.

### Hardware Interface

* The system will use the standard hardware and data communications resources of a standard computer.

### Software Interface

* Firefox Browser, Chromes with Resolution (1024\*768) or bigger and support JavaScript and HTML5

### Communication Protocol

* Website using HTTP protocol for communication between the web browser and the web server.
* Mobile app using HTTP protocol for communicating between app and web service.

## System Overview Use Case

## List of Use Case

### <Admin>Overview Use Case

#### <Admin> Create User Use Case Diagram

# Software System Attribute

## Usability

### Graphic User Interface

- All the texts, labels and should be written in Vietnamese.

### Usability

- Admin, staff should need less than one week of training to be productive with the system.

- Guest and member can use the system easily without training.

### Installation

- The system must be easy to deploy. Customer can deploy successfully and learn to configure, maintain the system within one day of training.

-The attached manual guide must be clear. User can read and do themselves without developer’s help.

## Reliability

- The price should be updated every day.

- The parser should be updated every day.

- If the product is already existed, system will notify for user.

## Availability

- N/A.

## Security

- Privacy: Each role of user has a specific permission to interact with system.

- System always checks authorization and authentication before doing anything.

- Only admin can grant permission to staff.

## Maintainability

- The system is divided into separated modules.

- The code is easy to maintain and upgrade.

## Portability

- N/A

## Performance

- Parsing speed should be 5ms per product.

- The speed of suggestion algorithm is less than 5 seconds.

# Conceptual Diagram