

***Computer Science & Engineering Department***

**INTERNATIONAL UNIVERSITY**

**Ho Chi Minh City, Vietnam**

Subject

*SOFTWARE ENGINEERING*

PROJECT PROPOSAL

VIRTUAL SHOPPING

Instructor: Mrs. Loan Nguyen

Group 1

Semester I – Academic year: 2019- 2020

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**I. GROUP 1 - TEAM MEMBERS**

1. Nguyễn Hồng Thảo - ITITIU170

2. Diệp Phương Quỳnh - ITITIU17041

3. Hồ Đặng Phương Ngọc - ITITU17058

**II. INTRODUCTION**

In the present time, people are so immersed in heavy workload and fast rhythm of life so that they spend nearly very little time for hobbies like going shopping. Therefore, to adapt to the situation and to tackle this, businesses starts to apply technologies and internet into their business strategy. Virtual shopping was born to provide customers with convenient and time- saving method for them to have things delivered straight into their home without entering the shop by just searching and adding products to online pockets. There are some of the famous websites for online shopping such as Amazon, eBay for international shopping; particularly in Vietnam Tiki, Shopee, Sen Do are some of the most popular in this industry; besides there are still some of the famous names that have not been mentioned. The sites are the perfect harmony for many brands to gather and show their products, there are a majority of choices from products, origins, shapes, colors, ect. to be made. Final, when things have been confirmed to be bought, they will be transferred into our home within a very few days and we may pay by cash on delivery or by online cards. In short, online shopping has offered great deals not only to business companies but to customers as well and is inevitable in our life. Virtual shopping is not only a tool but also a necessity nowadays.

**III. PURPOSE OF CHOOSING THE TOPIC**

In the present time, the key to success in business is not only manufacturing good products but also knowing the trends to upgrade the products into the customer’s expectation. Having taking this into notice, our group have decided to choose the topic VIRTUAL SHOPPING for the below reasons:

* First, human being are living in the world of modern technologies and internet. Virtual shopping makes use of the internet to have things sold easily; obviously it offered great benefits to seller who have their customers trust them and buy their products without having any check. Moreover, when customers are provided with such wonderful services, they will come again and buy more, which will bring on more profits for businesses.
* Second, this is such a convenient and time- saving way for customer to buy things without being required to reach the shop.
* Third, this is a trend nowadays, many companies and businesses have applied this type of shopping method so that we can easily update and have more references than other topics to have this project fulfilled more accomplished.
* Last but not least, we are a 3- girl group; we do love going shopping and this is such in our range of acknowledgement that we have profound comprehension and can fulfill this project more completely.

**IV. MODELS APPLIED IN THE PROJECT**

The model we are going to apply in this project is WATERFALL MODEL for these below reasons:

1. This is a small project

2. We are still students with inexperienced and amateur acknowledgement in software engineering. This is our first time of applying such models into the process of fulfilling a software project so we will go for fundamental model which is the waterfall model.

3. We have shortage in time to accomplish the project.

4. Waterfall model is still useful nowadays for many big projects of prestigious companies.

5. Waterfall model requires us to finish step by step, which means that we have to tackle separately every stages, one after another so that we can ensure to minimize the flaws in each steps that may affect the latter one.