

# A REVIEW OF REQUIREMENT ANALYSIS ONLINE SHOPPING SYSTEM

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## **Abstract:**

In this world, everyone wants to do everything easily. So for the e – commerce site (Online Shopping). The Online

Shopping is a web-based application intended for online retailers. It would make searching, viewing and selection of a product easier. It contains a sophisticated search engine for users to search for products specific to their needs. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews. The application also provides a drag and drop feature so that a user can add a product to the shopping cart by dragging the item in to the shopping cart. Our main goal is, to make shopping inner country and the outer country easier and also users can get all facilities in one place.

## Keywords:

Requirements Engineering Process; Requirements Engineering Model; Requirements Elicitation, Software Engineering , Discount, Facilities..

## 1.Introduction

This project is about the E-Commerce Site like Online Shopping. There are different types of website are circulating all around which gives us an idea about the new system of E-Commerce Site. The sites like Alibaba, Daraz, and just dial are the best successful startups in

Bangladesh which define how people are shifting from the offline area to online ones. People now prefer the easy way that always makes their life easy.

In this project, we develop a web page for an Online Shopping site that includes the type of category, login, signup options for the new users who want to join the site for further uses. Different types are items are categorized under one section of the web page, Take Order and Delete order options are available and also it includes the address and contact number of the officials and members of the seller if there is any issue is there for any customer they can easily contact and resolve their issue.

Nowadays we all know very well that people are shifted to the world of the internet. Our HTML, CSS, and JavaScript-based web application project is to develop an E-Commerce Site like Online Shopping system.

It consists of Online Shopping, Types of items. How people can contact the seller to get the details or to consult for future buy the Facebook, Instagram, and Twitter accounts are also linked to the homepage.

This website is developed using HTML & to add designs and make it more attractive we used CSS and JavaScript to make it as best.

This system is used to Online Shopping and it is also used on Daraz . Take Order and Delete order options are included with Signup and Login as an Existing Customer or new Customer options available.

## **2. MEMBERS AND THEIR ROLES:**

In our group, Two members are present. The preparation of the synopsis for this project is made and the layout for the project is created. The coding part is done by all the members of the group as we manage to create a better layout with different ideas and different views that can create the best of one web page for us.

## **3. Requirements Engineering Process**

Visitors should feel welcome and encouraged to click on the products or categories of goods they are interested in purchasing on a user-friendly homepage. It must be easy to add things to the shopping basket. Style preferences or color preferences should be simple to examine and choose from. Customers like to see what they have in their shopping carts as they browse other products. Keep it simple and respect customers' time. The customer should feel comfortable making purchases on website. E-commerce site must be created and optimized for use across all platforms. Before making a purchase, consumers who are looking for a product want to be fully informed about it. Some sort of customer support needs to be available in case of any

problems or questions. Security comes last but not least. Additionally, have a clear privacy policy that informs visitors how their data is used on your website and by your business.

#### ❖ Elicitation Problems:

The basic problems with the existing systems are the non-interactive environment they provide to the users. The use of traditional user interfaces which make continuous post backs to the server; each post back makes a call to the server, gets the response and then refreshes the entire web form to display the result. This scenario adds an extra trade off causing a delay in displaying the results. A search engine that would display the results without allowing the users to further filter the results based on various parameters. Use of traditional and non-user friendly interfaces that are hard to use.

#### ❖ Analysis & Negotiation Problems:

There are a lot of websites on internet whereby it offer a variety of product and services for consumer can find and buy through online such as shoe, apparel, sun glasses and more. Moreover, the online also provides some of the services which is paying bill online, booking a transport ticket and more. In this research, we are looking the problem addressed in this research which is the view of online shopping by consumer. However, there are several reason hinder in the consumer are involved in online shopping because some of the consumer are not willing to take part in online purchased due to the valid reason because there are worried about the quality of the product in online are not durable, moreover, there are not confident.

### ❖ Requirements Validation:

For this online shopping site it must be created and optimized for use across all platforms. Before making a purchase, consumers who are looking for a product want to be fully informed about it. Some sort of customer support needs to be available in case of any problems or questions. Security comes last but not least. Additionally, have a clear privacy policy that informs visitors how their data is used on your website and by your business.

### ❖ 3.1 User Requirement

#### ❖ Cancel Process:

When users order a product after that if they want to cancel the product, they can easily cancel within 1 hour. That if they want to cancel the product, they can easily cancel within 1 hour.

#### ❖ Money transaction: We have to add an international payment system like a visa card/Mastercard, BKASH, Nagod.

### 3.2 Business Requirement

- 1) We must advertise our site.
- 2) We must post an attractive post on social media.

- 3) We must give some attractive offers who users from our website.
- 4) We have to add a short video to the ad
- 5) We must contact with News portal for promoting our site.

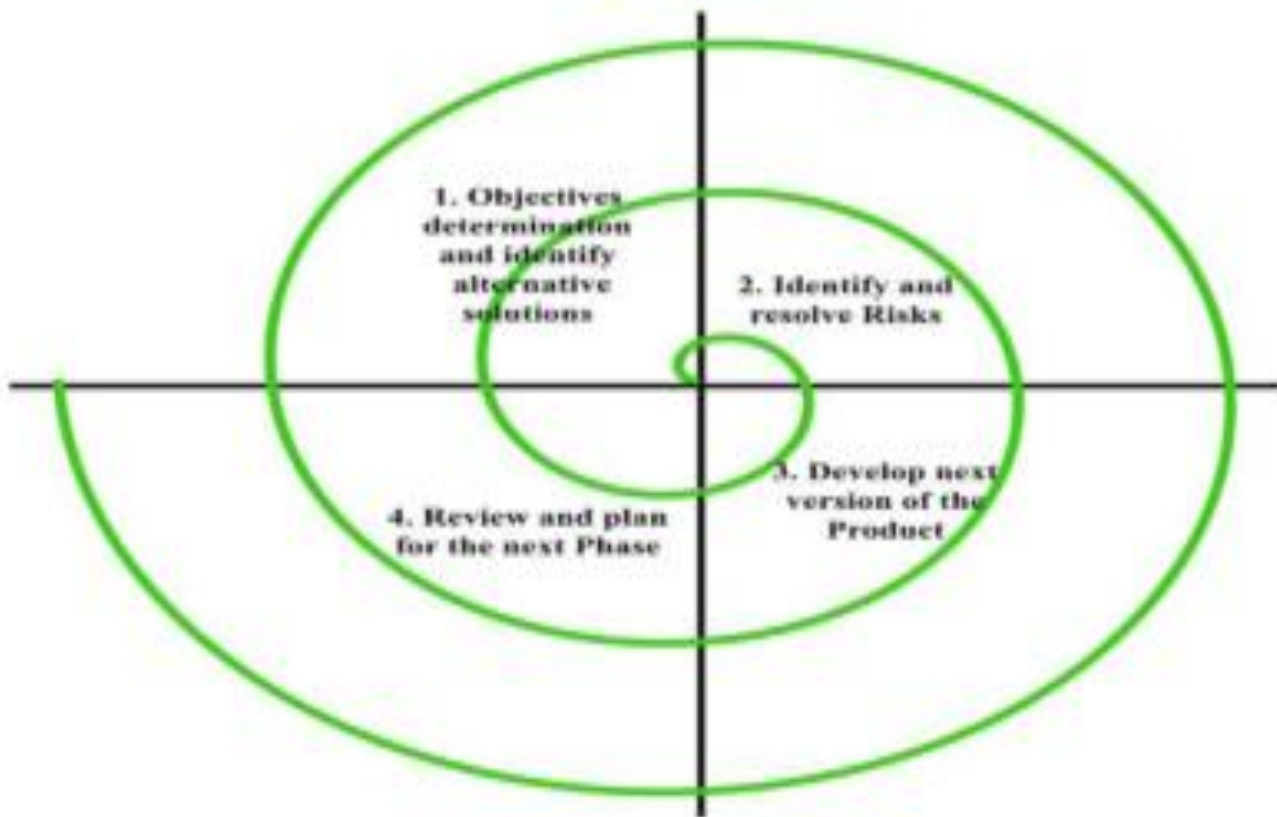
### 3.3 Requirement Documentation

Requirement Id	Requirement Statement	Comments
RID 01	Order cancel system within a specific time	Must be done
RID 02	Money Transection	Must be done
RID 03	Section wise category	Must be done
RID 04	Transport System	Must have been done

## 4. Requirements Engineering Models

We have used the spiral model in this project. Because we know the spiral model is best for risk management. In addition we can change the requirements and add other functionality at any time It is very good to handle a big present and highly customize products can be developed by this. Nowadays hacking has

increased a lot and due to this our site is definitely at risk. Then we are using it to combine everything like risk, development, and demand. Besides, we researched and found that various big sites are following this. Many big site owners and experts recommend using it in many cases. So we discussed and took this opinion to use it.





## 6. Conclusions and Recommendations

The 'Online Shopping' is designed to provide a web based application that would make searching, viewing and selection of a product easier. The search engine provides an easy and convenient way to search for products where a user can Search for a product

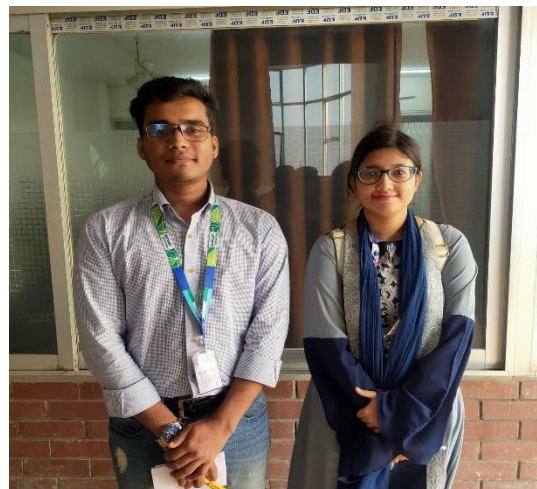
interactively and the search engine would refine the available based on the user's input. The user can then

view the complete specification of each product. They can also view the product reviews and also write their own reviews. Use of Ajax components would make the application interactive and prevents annoying post backs. Its drag and drop feature would make it easy to use.

## 7. Gateful

We want to thank our teacher Dear,

Md. Assaduzzaman Taposh (CSE, Lecturer Daffodil International University) , Md. Afjal Hossain Sarower (CSE, Lecturer Daffodil International University), Md. DM Mehedi Hasan Abid (CSE, Lecturer Daffodil International University)





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