**E-Boutique**

**Team ID: 1**

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## Abstract:

This project is a web-based shopping website for an existing boutique shop where the sale of fashionable clothes and accessories occur. E-boutique is an electronic commerce website that enables customers to view available boutiques, browse boutique information, select and purchase boutique of their choice by selecting a payment system. Boutique manager will be able to add, edit, remove and update inventory. This system can be implemented to any local or multinational branded retail outlet chain.

## Problem Statement:

The purchase and sell of fashionable clothes and accessories is a hassle to both the customers and sellers. Most of the time the customer wants to explore all the products and sellers fail to understand the customer requirements. Also, as online shopping has become a trend nowadays the regular shops are losing their customers to online brands. For competing with those online brands and for the convenience of the users, if shops are providing an online portal where their customers can shop through internet and get the products at their doorstep it will increase the number of customers. Solutions of existing online system problems:

1. Reliable source of information: Many current online platforms do not provide reliable and authentic product information which will be addressed.

2. Easy to understand product analytics: The sellers will easily be able to understand product analytics and customer behavior and act accordingly.

3. Regular updating of data: Data will be updated regularly as admin and managers will have control over it

4. Simple user interface: The website design will be user friendly and convenient

5. 24/7 Availability: 24-hour service will be provided 7 days a week

## Objectives and Scope:

The aim of the project is to create a dynamic website for a boutique, as most businesses are conducted online these days, so that they can promote their business online and create brand awareness, also their users/customers can simply reach them online. The software product allows customers to browse the catalog and select the boutique of their interest. The selected boutique will be added in a cart. At checkout time, customer will be asked to fill or select an appointment address and proceed for the transaction. An e-mail is sent to the customer as soon as an appointment with the selected boutique is created. It focuses on the company, the stakeholders and applications, which allow for online sales, distribution and marketing of boutiques’ services and products.

The main objectives for establishing a web presence are:

1)Promoting a service or product on-line.

2)Selling a service or product through cart system

3)Providing payment method.

4)Establishing awareness and company identity.

The software product allows customers to browse the catalog and select the boutique of their interest. The selected boutique will be added in a cart. At checkout time, customer will be asked to fill or select an appointment address and proceed for the transaction. An e-mail is sent to the customer as soon as an appointment with the selected boutique is created. It focuses on the company, the stakeholders and applications, which allow for online sales, distribution and marketing of boutiques’ services and products.

## Proposed Solutions

The proposed system removes the hassle for customers to visit a store to buy products. Anyone can use this online application to place an order for the product they want to purchase. The system's admin will be the shop owner. If necessary, the shop owner will be able to add, remove or update any products or their information. In addition, the system recommends home delivery for the purchased goods.   
For the customer, there are two more payment options: cash and online. Anyone can buy the things they want by using any of the available payment methods. It is designed to be user-friendly for all types of customers. If shop offer a web portal  
where clients can shop comfortably from anywhere, they won't be losing customers to renowned online shops like Aarong website or Daraz.

1. Anyone can register and view available boutiques.
2. There are three roles available: Registered user, Unregistered user, Boutique manager

i) Unregistered user can view available boutiques.

ii) Registered user can view and place an order.

iii)A boutique manager(admin) can add new boutique, services, edit information and remove services provided by boutiques.

1. Filtering of services on users’ choice
2. Add to cart
3. Order Confirmation and acknowledgement for the same via email.
4. Feedback about the purchased products

We are going to develop a use case diagram and write the Software Requirement Specification and move on to develop the project with any of the programming language.

Benefits of Website Development:

1. It gives an overview of the business activity & people associated with it.

2. It helps in promoting/advertising your business in less expensive manner as Compared to traditional media.

3. It is easily accessible and increases availability to the widest possible audience.

4. It helps in creating uniqueness and attracting more visitors

5. Easy to update on timely basis.

6. It helps in creating site visit record and further is easy to communicate with the customers online through sending e-mails or SMS.

7. Having a website will be more convenient for your customers and leads.

## Risks and Constraints

The developed project may not be feasible to the customers as they may want to view the products by hand. So, the software may not attract many customers. Senior citizens may not be able to operate the software and thus a large part of customers will be left out. The designed interface may become too complicated for the usual customer to understand. It may not be possible to meet the objectives due to the limited time available for project development.

## References

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| [1] | Delhi University, *Software engineering projects PDF with Documentation report*. TutorialsDuniya, 2022. |

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| [2] | *Researchgate.net*. [Online]. Available: https://www.researchgate.net/publication/344466091\_Boutique\_Weblinks. [Accessed: 25-Jul-2022]. |