

## Virtual Fashion Hub

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**Abstract**— Custom T-Shirt Designs is an application that provides a customer to design a T-shirt and purchase that self-designed T-shirt. This project provides two main services for customers. Firstly, it provides a way for customers to design and save the design for future purchases. Secondly, it provides an easy way to purchase the T-shirt Design as some Unique and Trendy T-shirts are already customized for them.

Customers can design and purchase T-shirts for any age as per their wish. Customers can select Categories according to occasions, relations, etc. There are many options for selecting colour of the T-shirt. Users can also select the neck style as they want. Users can customize front as well as back of the T-shirt.

For designing your T-shirt user can either select from the wide range of clip arts provided or select picture from the gallery as well as take from Google. They can resize the picture and position it as they want. Users can add text on the T-shirt and design it by changing the font style, size and colour.

After completion of customization of the T-shirt, user can preview it and make amendments as per their wish. If user admires the design they have customized they can buy it. This project provides you option for making payments through cards, Paytm as well as cash on delivery option is also available. After the users buy the T-shirt(s), the T-shirt(s) are available at their doorsteps. Users can review about the project through comment section at the feedback section

**Keywords**—virtual, fashion, clothing, e-tailor, customize.

### 1. INTRODUCTION

Our "E-tailoring" project provide the facility to customers that they can personalized the T-shirts according to their choice or they can select the prebuilt designs. There are many welfares of using our project as it will save your money as well as your precious time. In present trendy fashion world, choice of t shirt design software is undoubtedly a fruitful choice to expand the sales of printing businesses. Whether it is production of printed or personalized t-shirts, printing firms need an effective online tool to enhance the business opportunities and answerability all over the world.

In order to maintain a competitive edge in T-shirt printing & designing industry, it is essential to take a smart step and avail the best in class t-shirt design tool. As per research, t-

shirts are considered the utmost selling clothes these days that are preferred by people of all age groups. If someone is planning to start his apparel business, then the recommended business domain would be t-shirt designing & printing to produce desired outcomes as per the customer need.

However, the establishment of a new online business is challenging for small business owners, but this is all achievable easily through a technologically advanced online tshirt design program.

### 2. NEED AND SCOPE

Nowadays, people face trouble in finding prints on t-shirts of their choice. People also like wearing t-shirts for festival's or their ideologies, new trends, savage statements and slangs. So our project provides them a platform where they can customize all such stuffs on their t-shirts. Customers can avoid long hours of selecting t-shirts in stores instead can select them comfortably sitting on their couch. Every age group can customize their t-shirts.

### 3. FEASIBILITY ANALYSIS

After studying all the component of feasibility, we analyses that the Feasibility study is the initial design stage of the project, which brings together all the elements of knowledge that illustrate if a project is possible or not. A feasibility study looks at the accuracy of an idea with an emphasis on identifying potential problems and tries to answer one main question that is "Will the idea work and should we proceed with it??"

The information we collected and represent in our feasibility study will help us in following ways:

- Helps to analyze the logistical and other business-related problems and solutions.
- Implement in detail all the things you need to make the business growth.

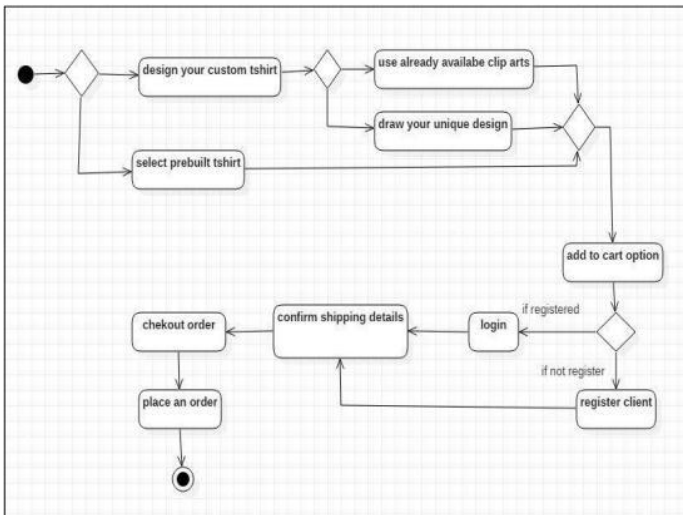
**Components of Feasibility Analysis are as follows:**

- **Technical Feasibility**
- **Operational Feasibility**
- **Economic Feasibility**

#### 4. METHODOLOGY ADOPTED

We have selected the spiral model for our project because spiral model allows learning with maturity which involves minimum risk for the customer as well as the development firms. Our project may require changes at any time and Spiral model allows us to do changes at any time. Because this model is concerned with risk awareness and management. Due to unclear user requirements it is difficult for us to complete the process in a single step. Spiral model supports us to come back to every phase after getting that changes are required. This works in phases first we analyze the problem then designs the solution according to the problem after this phase there is building and development phase where we start coding according to the solution and test the output if error occurs, we can restart the process of analysis, design and coding until our error will solve.

#### 5. ACTIVITY FLOW CHART



#### 6. EXISTING SYSTEM

In today's world, people prefer to shop online rather than roaming outside. It is easy for them to shop by sitting at home. Many websites and applications such as Amazon, Flipkart, Myntra, etc... Provides such facility to the users. But these websites and applications only provide selected options to the users. These websites do not allow users to customize clothes according to their needs. There are some other websites that provide the facility to the users to customize their t-shirts as per their need. Some of the websites are Snaptee, Zazzle, Bonorganik, etc... But users find some problems in these websites such as the colors of the t-shirts, size, etc. Some of them does not provide customization on both front and back side of the t-shirt. These websites were not user friendly.

#### 7. PROPOSED SYSTEM

The solution for these problems is providing users such websites which will give a variety of colours to the users along with customization on front and back of the t-shirts. We are trying to provide users such website. The proposed system not only will provide variety of colours but will also provide some clip arts which will help them to customize their t-shirt. This will minimize the efforts of the users. The proposed system will have the facility of saving hectic task of users for searching many websites for personalizing and buying t-shirts online.

Our proposed system has following advantages:

- User-Friendly
- It provides flexibility to the users
- Time-Saving

#### 8. CONCLUSION

The Internet has become a major resource in modern business, thus electronic shopping has gained significance not only from the entrepreneur's but also from the customer's point of view. For the entrepreneur, electronic shopping generates new business opportunities and for the customer, it makes comparative shopping possible. If the shop looks poor or like hundreds of other shops the customer is most likely to skip to the other site. Hence we have designed the project to provide the user with easy navigation, retrieval of data and necessary feedback as much as possible.

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in HTML and CSS web based application and no some extent Windows Application, but also about all handling procedure related with "E-TAILORING".

It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

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