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Android Based Application on Rental Clothing

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ABSTRACT

The introduction of numerous clothing rental platforms in recent years has made the clothes rental model widely used. This essay argues the need for a clothes rental model amid the sharing economy's boom based on the assumption that the sharing economy is rapidly developing. This paper analyses the investment scale, profit growth rate, operating mode, and industry structure of the clothing rental mode. It then shows the issues with this mode's supply side, transaction costs, health and safety, and market positioning. Finally, it proposes solutions to these issues.In Research on the Influence and Trend of the New Retail Business Model on the Change of Consumption in the Garment Market , the author puts forward the view of online and offline coherent brand service. Exploring the Business Model of Renters in the Shared Economy applies the theory to practice, mainly showing the business layout of the business model of "Renters" in the face of numerous problems existing in the clothing rental model. To sum up, from the perspective of the development history of clothing rental mode, domestic researches generally present a progressive trend.

Keywords: *Android app, Rental Clothing Application.*

1. INTRODUCTION

The need and purpose of the study In an industrial society, products are marketed to customers and subsequent services are provided and the focus community is focused on providing an informed community on long-term relationships with customers through a follow-up service. More and more companies are offering products to build relationships. In other words, we say that company success or failure is less than the quantity of products sold in the market depending on whether you can form a long-term bond with your visa, which is not an exaggeration to say that it is customer awareness. Product purchase ownership. It is changing from use to use of products, with the exception of access to cheaper durable goods, but they are more expensive and technology is rapidly evolving. No need to worry about falling. There is an advantage to being comfortable. Despite rising living standards. The development of a high rental industry depends on the speed at which living standards improve.

2. LITERATURE SURVEY

When we were asked to think about a relevant topic for our final year project, we thought of several topics and rejected them for some or the other reason. Later, we thought of finding an issue which a normal human being faces in their day to day life and develop a software to overcome the same. That's when we took a short survey by asking our relatives friends close friends. neighbors and a couple of more people on their experience it is obvious that it tooks lots

of time for choosing better cloth and in right price range. While buying new clothes used to be occasional, shopping has now become a pastime in itself for many. And this comes with consequences: overproduction, pollution, waste creation, exploitation. In short, the fashion industry has a devastating impact for everyone. The process is not only time consuming but also incompetent. This traditional system requires manual work for the retalers to go and get the right and new product also retailer has to take many cloths so it can show to the customer. Studies have shown that increasing the number of times we wear a single piece of clothing is the best thing we can do in terms of reducing the environmental and social impact of our wardrobes. so it's not surprising that clothes renting is gaining traction.

If we want to start an Online Rental Clothing business or expand your current one, we need a business plan. Our Online Rental Clothing Business Plan will achieve several key objectives. First, it will support you create your Online Rental Clothing business goals as well as give you a roadmap to follow to reach them. Another, it will help you develop the best strategies to attain your goals. For example, by understanding trends in the Online Rental Clothing market, your competition's weaknesses and strengths, and your target customers' psychographic needs and demographics, you can craft a better product and marketing plan. With the growing pressure from consumers for a more sustainable and ethical fashion industry, it's not surprising that alternative ways of buying clothes and managing our wardrobes are appearing. Not only does renting clothes allow us to affordably experiment with our style, but it's also said to be a more sustainable way of adding items to our wardrobe. The fashion industry is responsible for 8-10% of global carbon emissions, uses massive amounts of water, and exploits workers and animals worldwide. Renting clothes that already exist slows down the fast fashion

cycle and the relentless demands on low-paid workers in the supply chain. You're also keeping clothes out of landfills by extending their life and discovering unique and special pieces along the way, which we love.

3. PROPOSED DETAILED METHODOLOGY

Developing this project for better usage and experience becomes very important considering the scope of this project going live. In order to develop this project efficiently, we communicated with our project guide and also a couple of corporate developers who are known to us. By discussing with them, we intended to understand how a website/mobile application is developed in actual corporate world and what procedure we should follow to have a smooth development of the project. Our understanding everything and having internal discussion with the team members, we planned our project methodology. We would first finalize the all features and specifications which shall be implemented in our project. Once we have a clear vision of features to be implemented, we would be first design the web app the user will see the website, what color combinations and buttons our web app will be having, and how every page of website will look like. User Experience is to design a website keeping in mind the experience a user. This includes to think on where the button shall be placed, a click on button should display which page, to summarize in short, it aims to make sure the user has convenient and efficient user experience so that they wish to re-visit the web app.

Once we have our design ready and approved from project guide, we would be starting with development of actual project. For which, we shall be using development languages like: JavaScript, MySQL and PHP. Once we have our web app developed and ready, we shall proceed with one of the important things of software development life cycle – Testing. Once the testing is done, we intend to make this project go live. So far, we have planned to inculcate this methodology of our project, but there might be certain changes in case of any unavoidable interference.

4. MODELING AND ANALYSIS

The main focus of the modeling and analysis is to provide a detailed report on the modeling of the report .In this section we present the graphs and charts to show the analysis and the glimpse of our research work. This contains very useful information regarding the modeling of the research. In this we have made a app named Rental Clothing
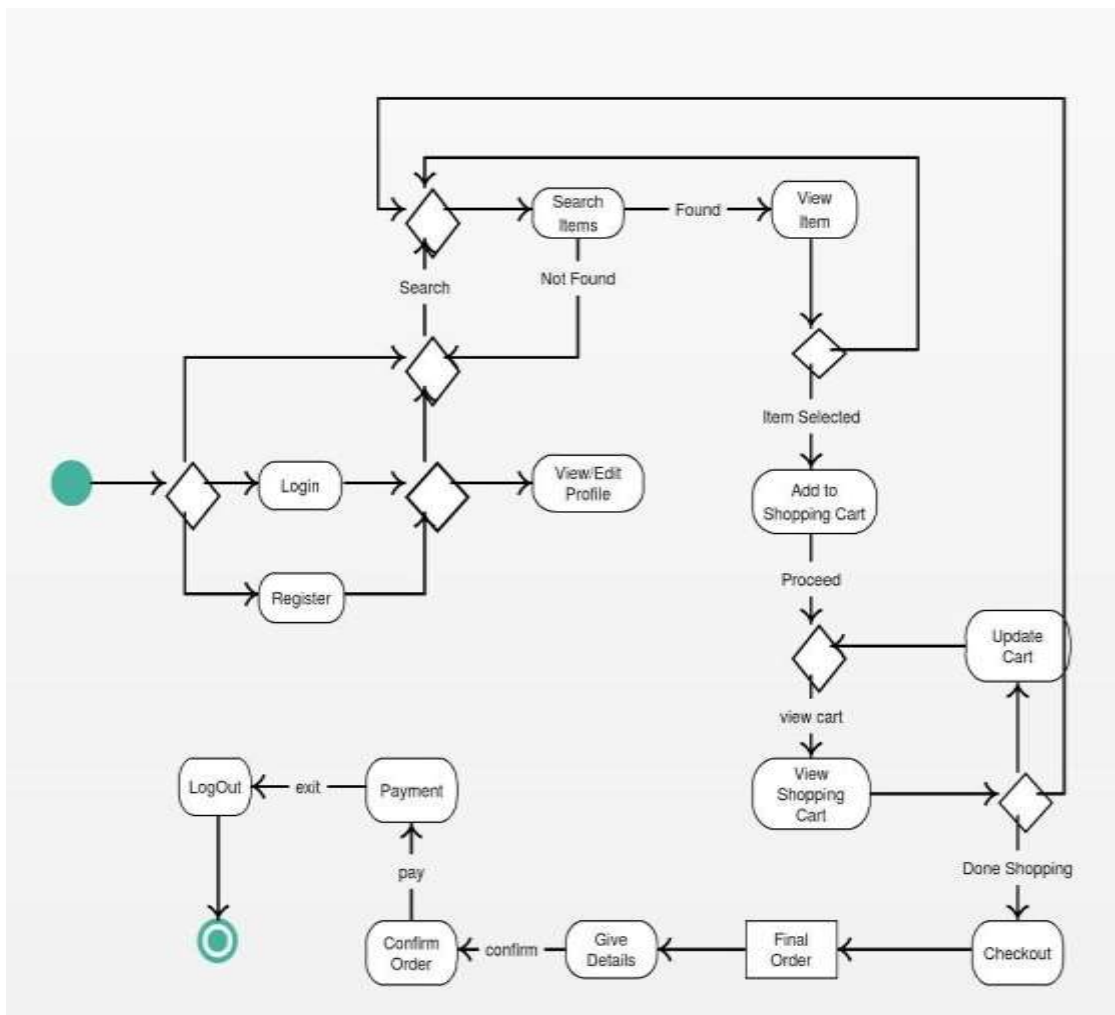
5. PROBLEMS / ISSUES FACED

1. Inventory management: Managing a large inventory of clothing items, including tracking availability, condition, and cleaning cycles, can be challenging. Keeping track of sizes, styles, and seasonal trends can also be complex, and effective inventory management will be crucial for a smooth user experience.

2. Hygiene and cleanliness: Ensuring proper hygiene and cleanliness of rented clothing items is essential to meet customer expectations and comply with health regulations. Regular cleaning and maintenance of garments can be time-consuming and costly, and finding efficient and effective cleaning methods may pose a challenge.

3. Sizing and fit: One of the biggest challenges in online clothing rental is ensuring accurate sizing and fit for users. Fit is subjective and can vary significantly across different brands and styles. Addressing sizing and fit issues to provide a seamless experience for users of varying body shapes and sizes can be a significant challenge.

4. Logistics and transportation: Managing the logistics of delivering rented clothing items to customers and handling returns can be complex and costly. This may involve dealing with shipping, tracking, and reverse logistics, as well as potential damages or losses during transit.

6. REQUIREMENTS

- We shall be requiring below mentioned Hardware to ensure smooth processing and development experience:

- Desktop or Laptop, Processor i3 or above, minimum 4GB RAM, any Operating system

- The technology stack/software which we shall be requiring are as below: HTML – CSS for designing of the webapplication JavaScript for making the web app functional MySQL to manage the database of users PHP for backend functionality

7. CONCLUSION

the rental clothing application is a promising concept that offers numerous benefits to consumers, the fashion industry, and the environment. It provides a convenient and sustainable way for people to access stylish clothing without the need for excessive consumption or ownership. By renting clothing, users can save money, reduce waste, and contribute to a more circular economy.

Additionally, the rental clothing application can foster a sense of community and creativity by allowing users to share and experiment with different styles, while also supporting local businesses and designers. It can also promote ethical and sustainable fashion practices, as rental platforms can curate collections from brands that prioritize sustainability, fair labor practices, and transparency.

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