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**AttireApp**

# Introduction

As an E-Commerce web application our project intends to provide customer and seller an interface where they can easily buy or sell products at an online platform. As a customer I can easily browse the products which I want to buy as well as see and compare the prices which are arranged properly in this web app. And as a seller, I have a separate database where my inventory and my sales along with orders and customer details are stored. I can easily update my inventory along with their prices and deliver our products to fulfill the needs of needy customers.

This web application provides business to customers type of interface which benefits both the customer and seller.

# Keywords:

Ecommerce, Agile Development, User Features, Tools and Tech, Clothing

# Aim

The main aim of our web application is to provide an online platform which facilitates both the seller and the customer to buy and sell the products of their choice. With the help of online payment, it ensures easy, reliable and secure exchange of products. It also benefits workers by giving them job opportunities like delivery boy, store manager, etc.

# Objectives:

The objectives of our project are stated down below:

* Establish a deeper relationship between seller and customers.
* Provide unique Customer Experiences with fluent UI/UX.
* To be the mediator between seller and customer by giving them common platform.
* To give easy, reliable and secure method of payment.
* Give user a provision to leave reviews and comments about the product.

# Problem Statement

As evolving from traditional era to a digital era, the methods of doing business has changed drastically. More and more people rely upon online platform to buy and sell products. A large number of people prefer digital money over physical cash which are more reliable and secure. But in context of Nepal, neither the customer nor the seller has a good experience with the functioning of present online ecommerce application. The risk of frauds and poor user experience is still prevalent in this market.

# Solution

To tackle the various problem as mentioned above, our application acts as a reliable solution by providing a common platform where seller can list their products and customer can browse through the products and buy the products of their choice. It provides a reliable and secure payment option which reduces the risk of frauds. It only allows genuine seller and products which ensures the quality of the products.

# User Features

1. Login and Registration

As a user, I need to be able to login to the system so that I can browse through the system. As a new user, I need to be able to register to create an account to access login feature.

1. Browsing and Listing of products

As a user, I need to be able to see all product, so that I can find desired product efficiently. As a user, I need to be able to list my product with their prices.

1. Buying the products

As a user, I need to be able to select product, so that I can buy desired number of products.

1. Admin Features

As a user, I need to be able to add or remove products, so that I can update the listings.

1. Payment

As a user, I must be able to select payment details, so that I can do online transaction on the system.

1. Database Features

As a user, I want to have a database that includes my listing sales and customer details so that I can see my transaction details.

# Technologies Used

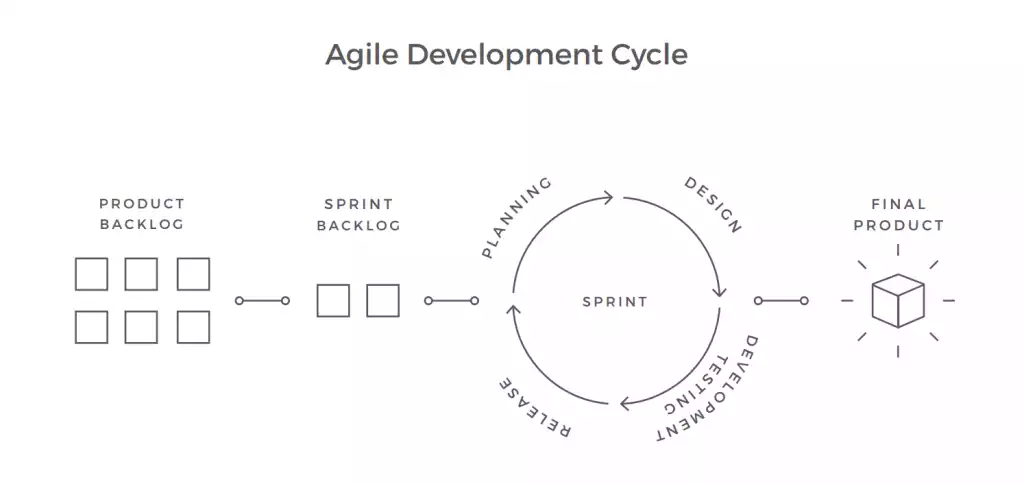
* Spring Boot
* Java
* Html
* Bootstrap
* Postgre Sql
* Javascript
* Jquery
* Css

# Tools:

* Visual Studio
* GitHub
* Trello
* MS Word
* Excel
* Google

# Methodology

The capacity to innovate and adapt to change is agile. It is a strategy for navigating a complex and chaotic environment and ultimately prospering in it. It expedites the delivery of early business value and ensures that value is continually optimized throughout the development process through a process of continuous planning and feedback. Teams are able to consistently align the supplied software with intended business demands as a result of this iterative planning and feedback loop, quickly adjusting to shifting requirements throughout the process.



# Working Mechanism of your application

Our application mainly depends upon an interface which is developed by using flutter and dart that guides user to the listing of products listed by the seller from which they can add it to their carts. User first need to register a new account or login to the previously registered account to browse through the system. User need to provide valid login credentials and proper user details in order to access the system. User can choose their payment methods and pay for the products. The user can leave a review and comment based on their experience on the platform. User can easily return the products if he/she has any inconvenience.

# Conclusion:

Overall, these are the details of our project and what it intends to do. By working on a agile methodology, we as a team members ensure proper collaboration, division and contribution on this project.

# Appendix:

**SWOT Analysis**

