Stybo
A BlockChain Based
E-Commrece Platform

Pattan Asif Khan
E MAIL : aisf.khan.399@gmail.com

Agenda

- Introduction
- Problem Statement
- Conceptual Design
- Project Implementation
- Results
- Future Scope as product

Introduction

E-Commerce has become one of the everyday necessity in day-day lie due to the hectic schedule of people these days. Jeff Bezos, is known to be the world's richest person, he makes most of the money through his e-commerce website Amazon.

Although E-commerce is turning out to be a Huge Industry, It suffers from the problem of Wrong delivery or Wrong item delivery, People prepay for things and on receiving wrong parcel, there is huge process of return, to get the item or money reverted it might take days or it might even take months if the details do not match with the bank.

Problem Statement

People prepay for things and on receiving wrong parcel, there is huge process of return, to get the item or money reverted it might take days or it might even take months if the details do not match with the bank.

To overcome this problem, We use blockchain as a wallet and we use smart contracts to solve the problem.

Conceptual Design

- Design a Ecommerce Website
- Write a Smart Contract that takes money from the user.
- User receives product, Clicks on transfer to complete the contract.
- Once the contract is deployed, Payment is received by the other E- commerce website.
- In case of Wrong delivery, The user does not hit the transfer button, hence the money is automatically reverted back into his wallet.
- This also helps stopping fake orders, as the money is holded by the contract, hence stopping the frauds done by COD.
- I am going to use Alibaba paid, As i am facing problems with free tier.

Project Implementation

Find the code at:

github.com/PattanAsifKhan/Alibaba-Hackathon

Project details

The output pics are tagged with this directory.

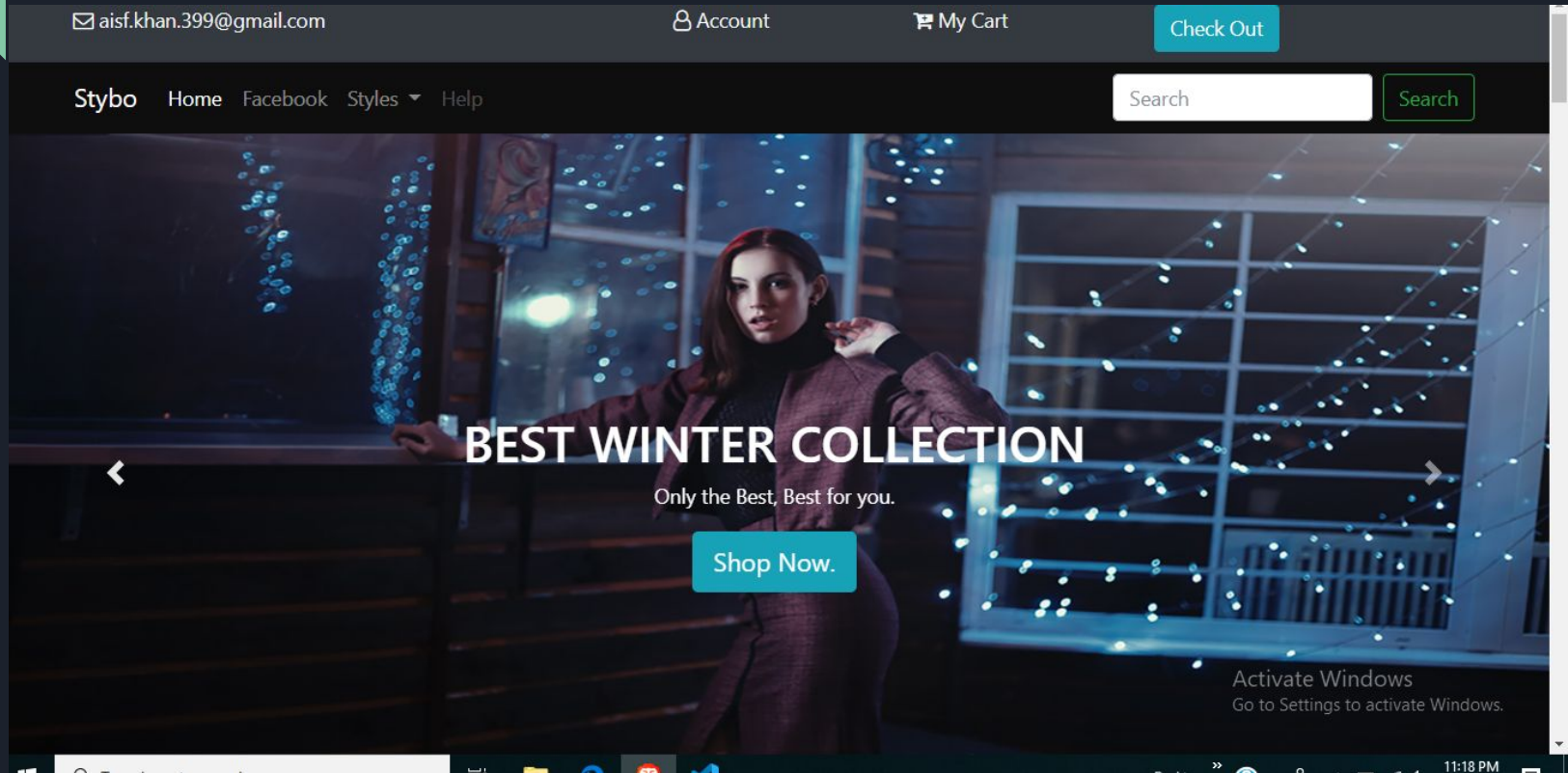The app stybo is a E-commerce website made for women clothing.

The app uses Block Chain as a Microservice for Payments,

Alibaba cloud service is used as a part of hosting the website, handling the user related information. The app works on the backend of smart contracts, Once the customer orders a thing,the money is deducted from his account and is held by the smart contract.

Thus, It prevents people from giving fake orders, once the order is received by the customer, he checks in the parcel, hits on transfer to pay the amount. In case of wrong delivery, he can just not click the transfer button and after the next day the amount will be directly debited into his wallet.

Alibaba Usage Screenshots
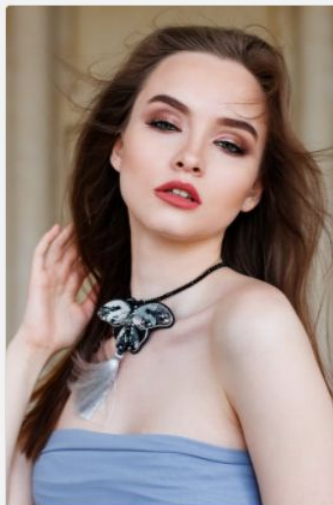
Website Screen shots

THE TRENDY COLLECTION.

White Top

$60.00

🛒 Add To Cart

Blue Top

$60.00

🛒 Add To Cart

Maroon Top

$60.00

🛒 Add To Cart

red Top

$60.00

🛒 Add To Cart

Payment Using smart Contract