****

**TITLE: CRAFTOZA (E-COMMERCE WEBSITE)**

**MOTIVATION:**

The contemporary world has prompted businesses to expand exponentially. Online software applications have provided a revolutionary way to grow and expand business worldwide. Centering around this fact, we studied that local businesses can also be a part of this massive opportunity.

Being a native of the beautiful land of Goa, we feel we can contribute in promoting Goa’s peculiar handicraft industry by elevating local and small-scale business artisans to the online platform.

**INTRODUCTION:**

Craftoza can be classified as an e-commerce website which deals with Goan handcrafted products. It is assumed that the website is designed for a potential Local Handicraft Business Organization. The website facilitates the client to exhibit its products on the website Product Gallery with detail description about the product. The users will able to view the products in Product Gallery and thus able to purchase the product.

**FEATURES:**

List of Features have been divided into two parts

1. Achievable (ACE)
2. Likely to be Achievable (LACE)

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr No.** | **Feature** | **Description** | **Complexity** |
| 1 | User Account Sign up | A Customer interested to purchase a product will be prompted to sign up and create an account | ACE |
| 2 | User Account Sign in | An already existing customer who wishes to purchase a product must sign in to place an order | ACE |
| 3 | OTP Verification | A New Customer Verification will be done with the One Time Password (OTP) method (Email) | ACE |
| 4 | Order Placement | Order Placement and confirmation section | ACE |
| 5 | Customer Product Rating | A Customer will be able to rate the product and thus improving decision making for new customers | ACE |
| 6 | Customer Reviews | A customer will be given the freedom to express its opinion and views about the product | LACE |
|  | Newsletter Subscription | Customers who have subscribed to the newsletter will receive promotional emails | LACE |
| 8 | Recommendation | A Machine Learning Model to display recommendations for customers | LACE |
| 9 | Admin Control | An interface for the admin to add new products or delete old products (To update the website) | ACE |
| 10 | Other  Features | 1. Forgot Password: To enable users to access accounts if password forgotten 2. Filters: To enable users to search relevant products 3. Bank Details: To store card No. if user wishes | ACE |

**TECHNOLOGIES:**

* Hyper Text Markup Language
* Cascading Style Sheets
* JavaScript
* MySQL
* Scikit-learn (ML)
* Flask
* Other relevant technologies

**TEAM DETAILS:**

**NAME:** Jayden Viegas

**ROLL NUMBER:** 201105022

**NAME:** Lloyd Alrich Costa

**ROLL NUMBER:** 201105025