

Project Charter

Project Title: Developing an e-commerce website for traders in Cleckhuddersfax.

Version Control

Version	Date	Summary of changes
1.0.0	22/02/2019	No changes made.

Project Justification

The project aims at creating an e-commerce website for the traders in Cleckhuddersfax. The traders in the area have jointly agreed to sell their products through the e-commerce website. Through the interface, the traders will be able to sell their products direct to consumers.

The system will allow local residents who cannot shop locally during normal opening hours to purchase goods from their local traders. The traders specialize in locally sourced high-quality goods, which are growing in popularity but cannot be purchased through local supermarkets. The development of the e-commerce website will help the traders to sell their products in the competitive retail market without losing out their revenue to the national chains.

The e-commerce platform will mainly focus on ease of access to the customers. The major target will be to provide a convenient user experience.

Project Scope

Objectives

- Maintain or increase the shop turnover within 12 months of launching the website.
- Attract new customers that would otherwise not be able to shop with the traders.
- Be usable by traders within a normal and suitable working time.
- Create a responsive interface so that it can be accessed across multiple devices.

High level requirements:

Customer Interface

1. Customers should be able to navigate to products by shop or by product type.
2. Customers should be provided with a single basket that holds goods that spans all traders and requires a single payment.
3. Customers should be required to register before they can place an order and be logged in to access the basket.
4. Customers should be able to review and update their account details.

Trader Interface

5. Traders should be able to manage their products and information on their shops via a web interface.
6. Traders should be able to add, delete and update their products.
7. Traders will login to the database on a daily basis to view reports on orders and stock levels.
8. Traders should have a trader login that allows them access to their details only.

Management Interface

9. A management dashboard to monitor trader and customer activity.
10. The management dashboard will give the traders access to a range of daily and periodic reports.
11. The management will provide traders with a weekly finance report which will identify payments to be made to them resulting from the previous 7 days orders.
12. The management will provide monthly report on product sales to the traders.

Major deliverables

1. E-Commerce website with customer and trader interface.
2. Database linked to e-commerce site with management interface.
3. Admin facility for traders to add, update and delete their products.
4. Add to cart functionality with billing system with PayPal Integration.

Duration

Name	Date
Project start date	5/02/2019
Work in Progress submission	28/03/2019
Final Project presentation	06/05/2019
Team Portfolio and Individual Report submission	10/05/2019

Assumptions

- The platform would be developed using PHP and Laravel Framework.
- The trader would be able to use the platform only after receiving verification from the management.
- The management would be able to block the trader from using the platform if the trader violates the terms of agreement.
- Customers would be required to login to the platform to purchase items.

Roles and Responsibilities

Name	Role
Bibhas Bahadur Shrestha	Resource Investigator, Co-ordinator, Completer Finisher
Abhash Niroula	Specialist, Shaper
Srijan Thapa	Monitor Evaluator, Team-worker
Manoj Chhetri	Implementer

Communication and Collaboration Tools

Hangouts:

Hangouts will be used as the official source for communication. Team announcements and reminders will be given on Hangouts. It will also be used for conference calls and video chats.

Trello:

Trello will be used to plan the project, to prioritize important aspects of the project and to allocate tasks among the team members.

Google Drive:

Google Drive will be used to share the project files among the team members. The team members will upload their work on the shared google drive folder to keep the team members in sync with their progress.