**Project Charter**

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| Project Title: Phoenix Cart |

Version Control

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| Version | Date | Summary of changes |
| 1 | 22/02/2022 | Starting phase in lead for the building of project. |
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Project Justification

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| ﻿  The opening of a convenience store has challenged the small independent businesses in the suburbs of Cleckhuddersfax. Understanding the reason behind the extended service hours provided by convenience stores, traders aim to create a platform that will provide exclusive service to locals who could not purchase goods during the conventional opening time. A modern online purchase service is formulated as a solution, thereby letting the locals buy goods remotely without having their working hours collide with the opening hours of the local stores and, at the same time, without having the traders compromise on their family time.  The website provides top-notch 24/7-hour services to the customers, withholding its long-time value to serve local quality goods, now on the tip of their fingers, covering devices ranging from mobiles to computers. The modern approach to shopping via E-Mart provides the facility to order products after registration. The amenity of logging in and adding products to the cart is featured. A showcase of products and their descriptions of calories and daily intake is displayed. Finding the perfect product for the customer is easier with the search engine service added. Customers can find the best-fit product for them as they can define their range of criteria for a product and use the search and sorting system. Collection of the order is possible three times a week from a collection centre as per their decided collection slot, and payment via PayPal. Understanding the significance of feedback for quality control, it also contains a section for reviewing and rating the products directly by customers.  The website design stabilizes the two sides of the Cleckhuddersfax seesaw: customers and traders, ensuring the delivery of local organic products by the traders and their intake by the customers, resulting in work-life balance and a growing community that is firmly apt for the preservation of their historic heritage yet accepting of modern approaches to leading a business. |

Project Scope

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| **Specific**   * ﻿Single Medium for varied users to buy, sell and manage products according to the individual role. * ﻿Application of a wide range of unique functionality ensures customers have a better user experience as they navigate to find the best fit product. * Comfortable services are available for the customers at their fingertips while assuring quality local products at a reasonable price.   **Measurable**   * ﻿Provision of the report for the traders to track and extract meaningful information. * Keeping a tab on order count and its associate payment. * Overview of the entire project through the view of the dashboard.   **Achievable**   * ﻿Facility to search and sort the products as they can define their range of criteria. * Quality control by providing functionality to review and rate the products. * Facility for unregistered users to add products to the wish list. * Functionality to log in, register for new users.   **Relevant**   * ﻿Supervision of sale for analysis and its utilization for the growth of their business. * Extraction of changes that are essential for upgrading end-user experience by surveying the review and comments. * Pictorial representation of different statistically representable data provides a quick analysis at a glance.   **Time**   * Project Start Date [22/02/2022] * Project Deadline [15/05/2022] * Ordered products are collected from a shop point after 24 hours of placing an order and it can be picked every Wednesday, Thursday and Friday on slot basis. |
| **Customer Interface**   1. ﻿The interface is primarily set for 5 traders however it supports a maximum of 10 2. Search bar and flexible sorting mechanism to find optimum product. 3. Description of each product such as its name, price, nutrition values, and allergy catalog. 4. A responsive interface allows users to access the site while using a wide range of browsers and devices. 5. Each registered user is equipped with a single cart and it can hold products from any traders. 6. Products added to the wish list during the logged-out state will be updated to the account after the user logs in or registers. 7. A wish list is manageable by both registered as well as non-registered users providing a platform to attract new users and increase engagement. 8. Registration as well as an edit of personal information can be done only after email verification. 9. Secured well-designed and effectively navigated website design. 10. After slot selection, products overview and its price are displayed for final confirmation from the customer ensuring selection of the right products. 11. The order summary is sent to the user via email after payment is done. 12. Transparency throughout the delivery process results in better assurance and a trustful relationship between customers and the traders. 13. Modal view to have a quick display of the product along with a feature to order the product.   **Trader Interface**   1. ﻿View their detail and make changes. 2. Provision of information and product management using CRUD operation. 3. An interface for the track of customer's order detail provides the feature to view using different filter options. 4. Login feature allowing to view their reports covering different aspects such as orders, stock levels, sale amount.   ﻿**Management Interface**   1. ﻿Admin login interface. 2. Capability to manage accounts of all 5 traders. 3. Access to view daily and periodic Dashboard reports on different statistically representable data of all the traders. 4. Provision for inspection and quality control of the products distributed by the traders using traders' activity log system. 5. Provide weekly delivered order reports stating payments to be made by the traders. 6. An interface displaying a record of all the site visit users. |

Duration

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| Initiation week – [22/02/2022]  Planning phase week –  Executing phase week –  WIP date – |

Estimated Budget

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| Hours per day per person 4-6 (4 members excluding Abhishek Dahal)  Hours per day 1-2(Abhishek Dahal)  Total team consists of 5 Members  Overall hours:  4\*7\*4\*12+1\*7\*12 = 1,428 hours (Min)  6\*7\*4\*12+2\*7\*12 = 2,184 hours (Max) |

Roles and Responsibilities

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| Name | Role |
| Abhishek Dahal |  |
| Arju Adhikari |  |
| MD. Aashif Ansari |  |
| Nimisha Raut |  |
| Sajil Maharjan |  |