**Project Charter**

|  |
| --- |
| Project: CleckFresh Mart |

Version Control

|  |  |  |
| --- | --- | --- |
| Version | Date | Summary of changes |
| 1.0 | 21/03/2023 | *Initial Version* |
|  |  |  |
|  |  |  |

Project Justification

|  |
| --- |
| *The project is based on the Cleckhuddersfax, where the local shopping area are dominated by small independent businesses. There were 5 traders like butchers, greengrocer, fishmonger, bakery, delicatessen etc. are struggling. National Chains have started to setup convenience store and develop the large supermarket. The store decided using the e-commerce website platform for users which will create an opportunity for users to shop the product with the facility of search by product and shop. It maintains traders and users both work life balance which they cannot compete. They have recruited someone to explore the issue of food safety, collection. User can make a payment from the PayPal gateway.*    *The e-commerce website has an alternative design and responsive which is viewable on mobile and desktop browsers. In this website there are 5 traders with 10 shops with many products where customers can buy the products using the many features like filtering, sorting, searching according to product or shop. This project has many features for customers, traders, and administrator etc. Customers have a feature like they can hold as many products to the cart which will remain as a Wishlist until payment. Customer can make a payment through the PayPal after registration or login. Customer can choose delivery slot to collect their product after 24hours of order only in 3 opening slots. Customers receive single invoice and update their account details. As for the traders, they can manage their dashboard and they need to maintain the product not to overlap with other traders. They can view their daily, weekly, monthly basis of reports. They can update their account. They can add, update, delete the products and their information. They can increase the quantity product according to the demand of the product. Now, Administration has its own dashboard which can view the traders’ reports. Administrations can track the activity of each trader and their daily, weekly, monthly basis of reports.*  *In conclusion, the project is aimed at addressing the challenge faced by small independent businesses in Cleckhuddersfax due to the emergence of large supermarket and national chains. By creating e-commerce website platform that accommodates both traders and user’s work life balance and enables users to shop for products and search by both product and shops. The project aims to provide an alternative shopping experience that supports local businesses. The inclusion of a payment gateway through PayPal and a mechanism for selecting delivery slots ensures convenience and flexibility for users. Additionally, the project’s focus on exploring issues related to food safety and collection underscores its commitment to providing a high-quality service. Overall, the project has the potential to make a significant positive impact on the local community and a way to reach a wider audience and maintain a balance between work and personal life.* |

Project Scope

|  |
| --- |
| *Objectives listed here should relate to the purpose stated above, so should be concerned with business improvement, end-user experience, quality enhancement etc. The objectives should be SMART:*  *S – Specific*   1. *Observe the market product demand,* 2. *Improve customer services* 3. *Inspects quality of goods or products* 4. *Maintain and increase shops, traders, products* 5. *Attract new customers to shop.*   *M – Measureable*   1. *Track orders of products, sales of products* 2. *Track the revenue of the sales* 3. *Track the number of customers* 4. *Track the progress of the e-commerce website*   *A - Achievable*   1. *Track the wishlist products* 2. *Track most searchable products* 3. *Track activity of customers,* 4. *Track the numbers of customers*   *R – Relevant*   1. *Supervisions services on sales and analysis* 2. *Keep analysis on ordered placed delivery slots, finance report, product sales* 3. *Product the products on the demand of customers*   *T – Time Bound*   1. *Collection of ordered products were divided into 3 slots.*  * *Wednesday 10am-1pm* * *Thursday 1pm-4pm* * *Friday 4pm-7pm*  1. *Project initiation Date: 21/03/2023* 2. *Project Deadline Date:*   *For more information -* [*http://www.projectsmart.co.uk/smart-goals.php*](http://www.projectsmart.co.uk/smart-goals.php) |
| *High level requirements of the product or service should be identified here.*  ***Customer Interface***   1. *Alternative interfaces and designs, but including one that reflects heritage of area* 2. *Site should be responsive which is viewable in mobile and desktop devices* 3. *Support 5 traders expandable to 10 shops.* 4. *Search function to search by Shop or Product* 5. *Filter Function to filter the product according to the traders.* 6. *Cart Function to holds goods that spans all traders and requires a single payment.* 7. *Customer receive the single Invoice* 8. *Trader reveice the invoice according to their products.* 9. *Customer can review, update their account details. It should be confirmed through emails.* 10. *Three collections slots Wednesday: 10am- 1pm, Thusday: 1pm-4pm and Friday: 4pm-7pm.* 11. *Maximum of 20 order per slot if slots exceed then it shows out of slot* 12. *Login and registration system* 13. *Alternative payment systems to be considered, including Paypal*   ***Trader Interface***   1. *Trader login system.* 2. *Trader can access their information only.* 3. *Trader can manage their products and information through Trader Dashboard.* 4. *Trader can add/delete/update their information and products.* 5. *Trader can view reports on a daily basis on orders, stock levels, revenue and more informations.* 6. *Trader should maintain not to overlap the product with another traders.* 7. *Trader should identify the number of orders, delivery slots and Customer ID , OrderID as well as product details.*     ***Management Interface***   1. *Administration Login system.* 2. *Administration Dashboard.* 3. *Administration can access traders account to range of daily and periodic reports* 4. *Administration can view trader report on daily, weekly, monthly basis.* 5. *Administration can view financial report and product sales.* |

Duration

|  |
| --- |
| *Identify the key milestones and overall timeline for the project.*  Initial Prototype = 21/03/2023  Deployment for testing = |

Estimated Budget

|  |
| --- |
| *Estimate the hours of efforts that will be required to deliver the project and any costs associated with the purchase of equipment.*  *No initial hardware requirements.*  *Hours per week per person: 9hours to 11hours.*  *Team of 6*  *Hence total hours min: 9\*6\*12 = 648hours max: 11\*6\*12 = 792hours* |

Roles and Responsibilities

|  |  |
| --- | --- |
| Name | Role |
| *Subarna Raj Upreti* |  |
| Sandesh Paudel |  |
| Subash Rimal |  |
| Karan Chaudhary |  |
| Mukesh Bikram Malla |  |
| Navish Dewan |  |