

A Mini Project Synopsis on
Online Grocery store

S.E. - I.T Engineering

Submitted By

Snehi Ratani 20104035

Disha Bendale 21204011

Dhruvi Haria 21204012

Under The Guidance Of

Prof. Sonal Jain



DEPARTMENT OF INFORMATION TECHNOLOGY

A.P.SHAH INSTITUTE OF TECHNOLOGY

G.B. Road, Kasarvadavali, Thane (W), Mumbai-400615

UNIVERSITY OF MUMBAI

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CERTIFICATE

This to certify that the Mini Project report on Online Grocery store has been submitted by Snehi Ratani 20104035(Student ID), Disha Bendale 21204011(Student ID) and Dhruvi Haria 21204012(Student ID) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2021-2022** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Ms. Sonal Jain
Guide

Prof. Kiran Deshpande
Head Department of Information Technology

Dr. Uttam D.Kolekar
Principal

External Examiner(s)

- 1.
- 2.

Place:A.P.Shah Institute of Technology, Thane

Date:

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Chapter 1

Introduction:

The main aim of this mini project is to develop a system which provides all the information related to online products and provides an efficient way of managing the supermarket information. Online grocery store is the system where all the aspects related to the proper management of the grocery store is done. These aspects involve managing information about the various products, staff, managers, customers, billing etc. This system provides an efficient way of managing the supermarket information.

1.1 Purpose:

Shopping

Before looking into the various companies trying to sell us their services we should look at the advantages and disadvantages of shopping online and the things we should look out for when choosing what website to purchase groceries from.

It saves time

Shopping online alleviates the need to walk up and down store aisles.

No Unwanted Luxury Purchases

It's far too easy to do; you're walking around the shop grabbing all the items you need and suddenly a chocolate cake, packet of biscuits, and some sausage rolls have somehow found their way into your trolley. You didn't want them before but now you've seen them you need them! Shopping online can help you tame the impulse buying within you.

Comparisons

Many online stores have an invaluable feature that will make the lives of countless housewives a hundred times simpler – the feature of price comparison. Online shopping does not compel you to remember how much more expensive eggs are in store A versus store B.

Find Everything You Need

Search engines on websites make it much easier to find items quickly; typing in the name or brand of a product will show you all relevant products making it much easier to find exactly what you need.

1.2 Objectives:

Building Sales and Profits

The major objective of most grocery store companies is to sell products and earn the highest profits possible. However, grocery store owners face major competition from other retailers like restaurants and mass merchandisers.

Increasing Customer Traffic

Small grocery store companies also strive for more customer traffic in their stores. The best way to achieve high customer traffic levels is to locate stores in high-traffic areas.

Customer Loyalty

Small grocery store companies aim to increase customer loyalty in their stores. Loyal customers are those who repeatedly come back each week.

Improving Department Ratings

Some grocery store companies conduct periodic marketing research on their various departments: Produce, delivery, user details, and customer service.

1.3 Scope:-

Our project is helpful to computerize the item transaction, sales activity record keeping which is a very huge task and maintaining the stock. This project will help the store user in fast billing. This project enables users to maintain a great database of all customers visited and purchase products from online grocery stores. Project will enable you to see reports regarding product and category. The system will store and recognize customer reservations. The software will display a view of calculations of every transaction. It satisfies the user requirement. It is very easy to understand by the user and operator. It's easy to operate. We have created a good user interface. This project will help the store keeper in fast billing . This project enables storekeepers to maintain a great database of all customers visited and purchase products from the store.

Chapter 2

Problem Definition :

1. Time Consumption:- Manual systems are time consuming, as the business owner must keep track of Supermarket sales on a daily basis, while updating the system manually at the end of the day.

2. Poor Communication:- A manual Supermarket system requires employees and managers to write down each time an item is removed from the Supermarket. If one employee forgets to mention that the last coffee product has been removed from the Supermarket, a manager expects the item to still be available for a customer during a sale. Compared with a technical Supermarket system, a manual Supermarket system does not help the communication in the workplace.

3. Physical counts:- A manual Supermarket system does not provide any number, as all numbers from the Supermarket are gained through physical supermarket counts.

Chapter 3

Proposed System :

The aim of the proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces manual work.

- Security of data.
- Ensure data accuracy.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service
- User friendliness and interaction.
- Minimum time required

3.1 Features And Functionality:

Sales on account- Some stores still maintain the open account for regular buyers. The POS should keep an informed account, and the system should make ready bills as needed.

Coupon redemption- The application must turn out the coupon at checkout. The advance system may verify coupons against bought items and will evaluate percentage off amounts.

Sell per unit weight- The program must amalgamate with sales at checkouts. The cashier enters the code for the product and weighs it. The tool evaluates the final cost and prints total weight, unit cost and final cost on the receipt.

Suspend transaction- The solution must be able to suspend the transaction and shift to another. Later the original transaction can be amended, canceled or edited.

Chapter 4

Project Outcome:

- Administrator has to login to access the system.
- He can add, update or delete details of Products.
- Easily Scalable to grow with changing system requirements.
- Improved information security, restricting unauthorized access.
- In a manual system, much storage space for data files is required so to overcome this problem, an automated well managed database is developed for saving storage space.
- Editing, adding and updating of Records is improved which results in proper resource management of the Billing system and also to check records and data.

Chapter 5

Software Requirements :

FRONT END :- PYTHON 3.10.2 , Django 4.0.3

LANGUAGE :- PYTHON

BACK END:- db-Sqlite

Chapter 6

Project Design

Project Design

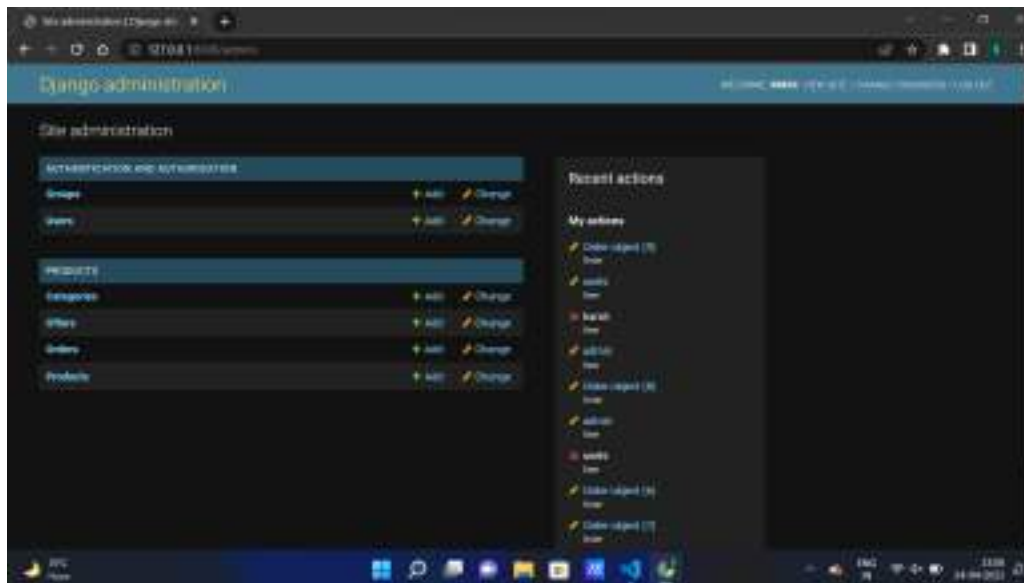


FIG:6.1 ADMIN PORTAL

Here we can see or add some details like categories or products , offers & orders.

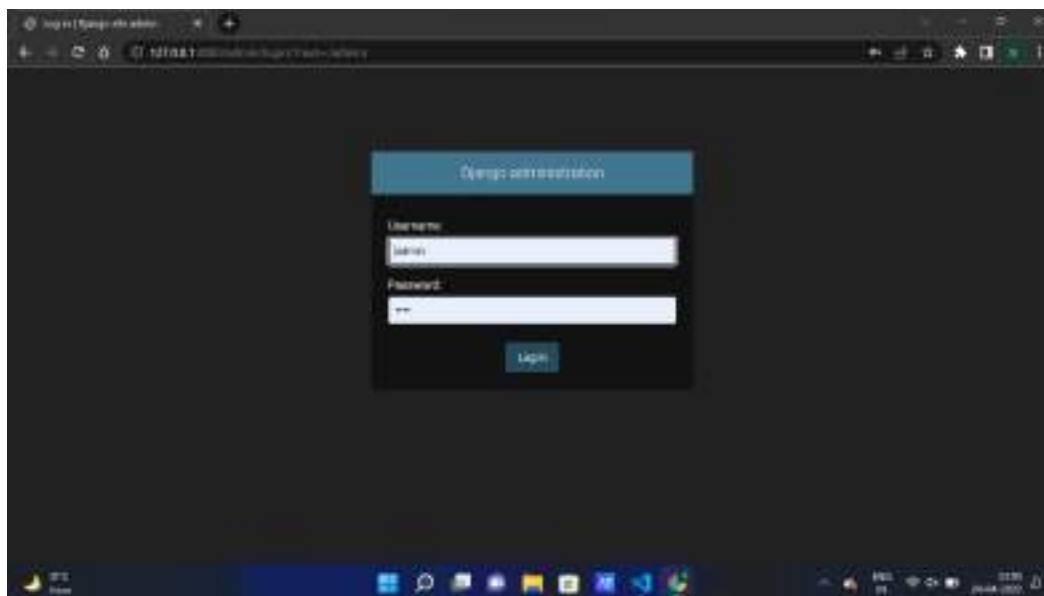


FIG:6.2 ADMIN LOGIN

Here admin can login by providing their username and password

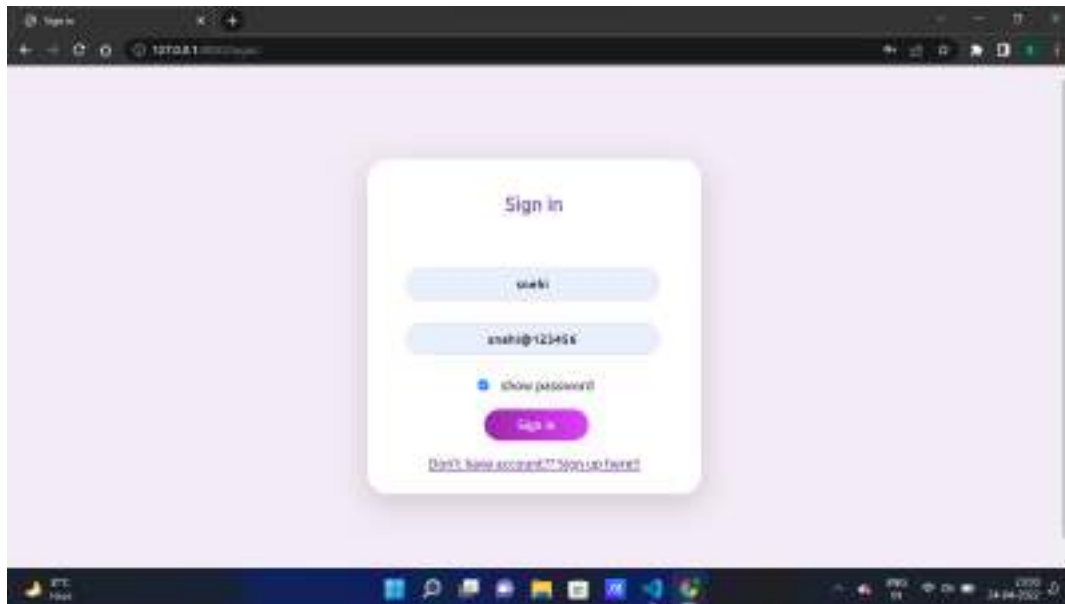


FIG:6.3 SIGN IN PORTAL

Here user can sign in by providing their username and password

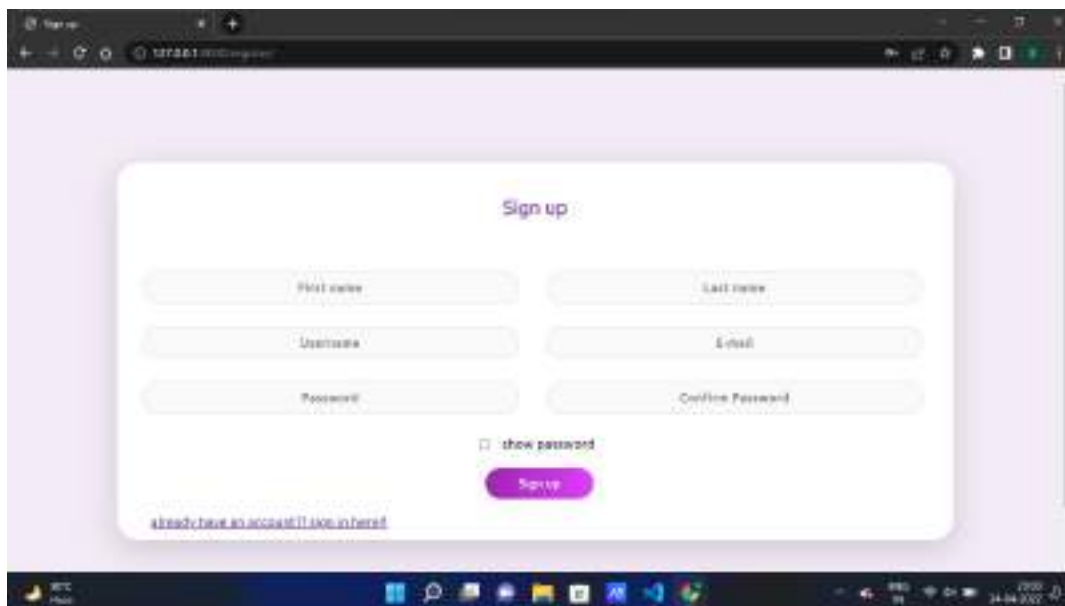


FIG:6.4 SIGN UP

Here users can sign up by providing their details such as name , email , username , password.

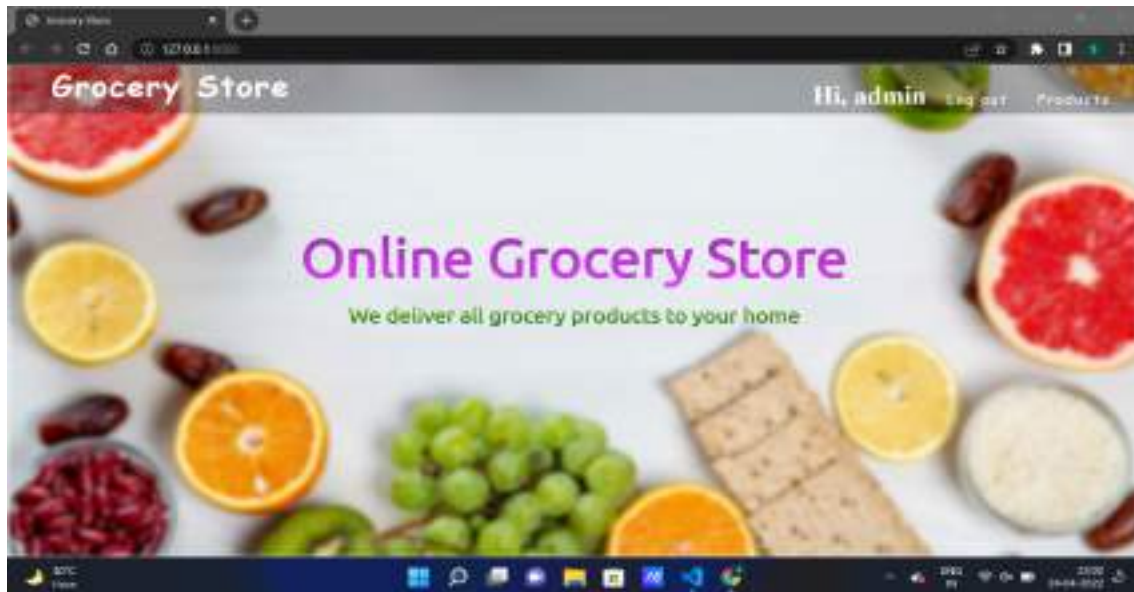


FIG:6.4 HOME

Here users can see the home page of our website and can see the product page.

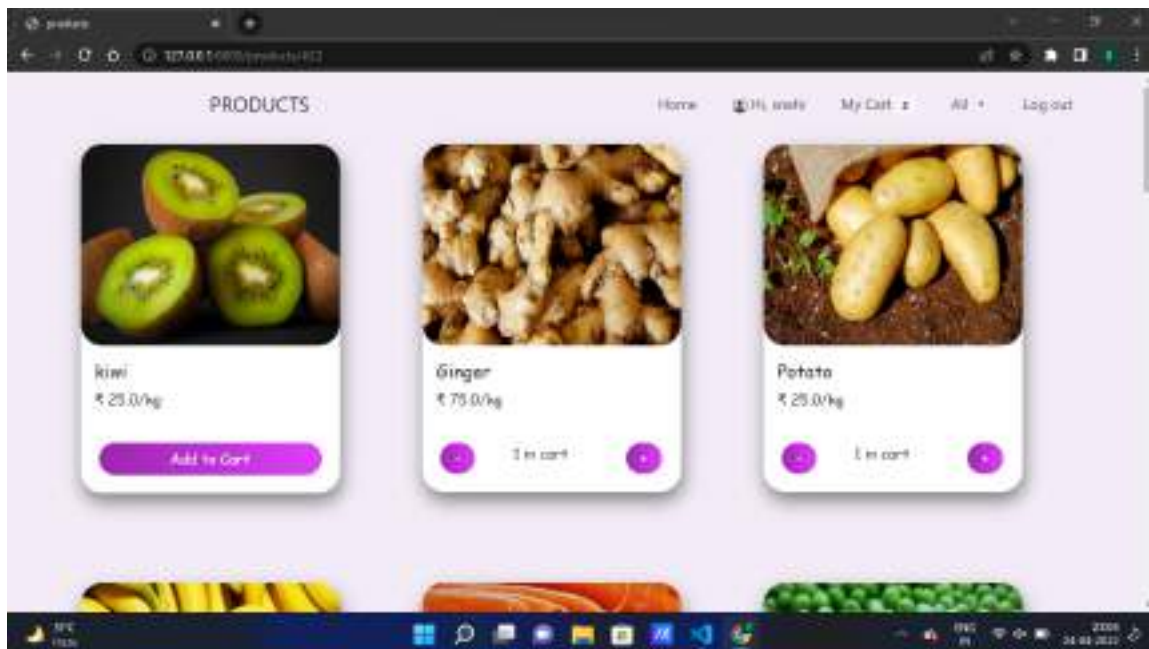


FIG:6.4 PRODUCT

Here the various types of products are seen.

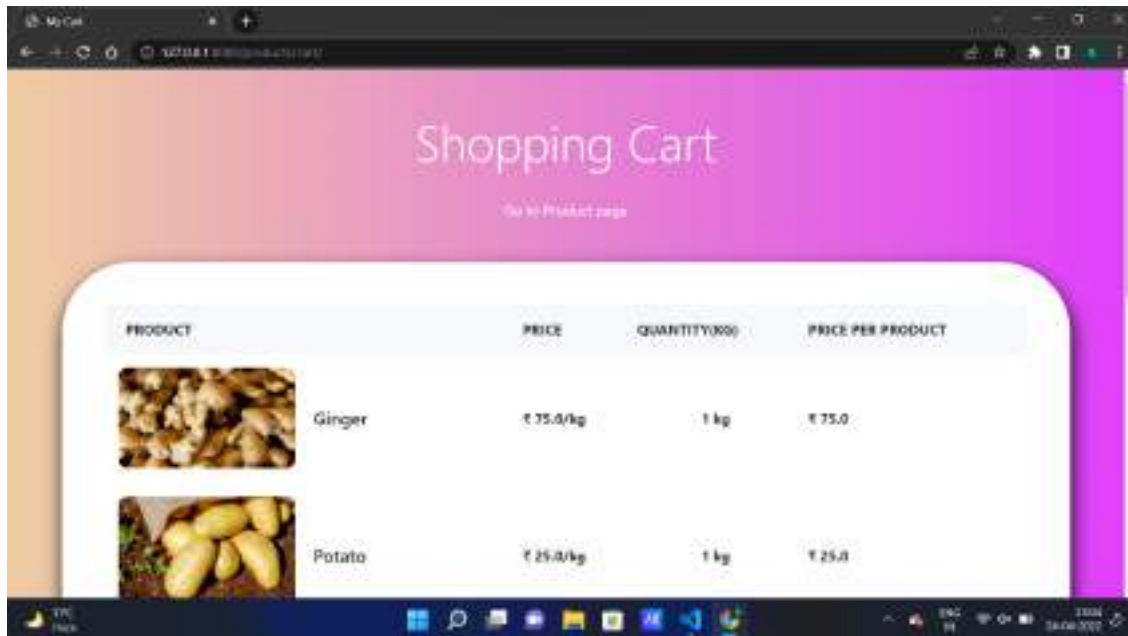


FIG:6.6 CART PORTAL

Here the cart products details are seen and user can go back to the product page.

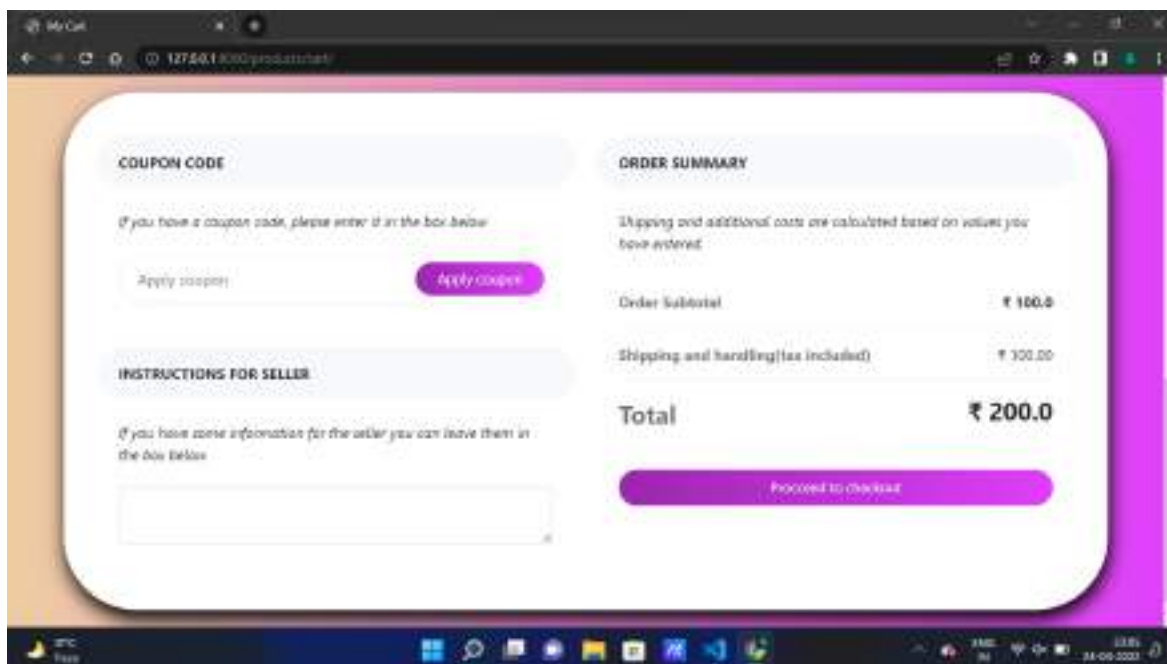


FIG:6.7 BILLING

Here the bill is provided and there is also total price and user can also apply for coupons

Chapter 7

Project Scheduling Template

Sr. no	Group member	Time duration	Work to be done
1.	Snehi Ratani	1st week	Designing admin module Sign up module Sign in module Creating a GUI Admin module contains: Add products Details
2.	Dhruvi Haria	3rd week	Adding products into the website Making some changes
3.	Disha Bendale	4th week	Designing cart module After going to cart module: Product details Total price Coupons Billing system

CHAPTER 8:

Conclusion

Customer satisfaction is one of the key issues being monitored by every service provider. Through customer satisfaction and loyalty surveys the managing level of a business can ensure a way of knowing what the customer thinks about their service and what needs to be changed to gain positive customer satisfaction. The conclusion must answer the queries presented by your survey goals and objectives. In writing the conclusion, your mind must be set on fulfilling the very purpose of conducting the survey. With the survey goal in mind, you will be able to avoid common mistakes such as adding new information that were not previously stated earlier in the survey, or worse, creating a new thesis. Oftentimes, the conclusion is mistaken as the summary of the survey report. Although it contains the vital points of the survey, the conclusion must be a synthesis of the survey results, the interpretation of such, and the proposal of a course of action or solution to the issues that emerged from the survey. Surveys are performed for scientific or marketing purposes, thus, they must be written using a professional and academic style. With this in mind, the tone of the conclusion should match that of the results and the rest of the data collection process. Doing this will boost the credibility of your survey, rather than adding anecdotes or jokes in hopes of increasing the appeal of the results. A conclusion of a survey must not be drawn from emotions in order to make the survey more appealing to the readers. The conclusion must be written in an interesting yet academic manner. Emotional praise is not ideal, but a refined commentary on the subject is acceptable.

References

- [1] www.slideshare.com
- [2] www.grocerystore.com
- [3] www.pychamp.com