

Grocery Store Advanced POS + Web Integration

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Abstract

The Internet has turned the world into a global village. With the popularity of the internet, buying a home online has become something new and unique. The Internet has everything from clothing to electronics. To continue this trend, Food needs to do everything it can to improve its current process. Consumers no longer have to go to their local grocery stores; they can buy 4,444 products whenever they want while sitting at home. It is fast, easy and flexible. Online marketplace is based on the B2C business model. Give customers the convenience of registering, logging in, viewing and ordering food, and securing online transactions. Customers can also provide feedback and comments on any product. HTML/CSS& PHP Basic framework for building web pages. MySQL is used to store information about customers and suppliers (sales).

Keywords: online market, e-commerce, store, online store.

I. INTRODUCTION

The internet has grown a lot in the last century and has become necessary. The popularity of the Internet has spurred electronic commerce because electronic commerce (Electronic Commerce) is nothing more than selling or buying goods and services online. The main purpose of E-Commerce is to provide a smooth business and improve the business. With the, it not only changes the way you shop daily, but also provides the convenience and comfort of shopping at your desk. Customers do not need to go to the store within the time limit; With, they can buy almost anything anytime, anywhere. It provides a window to many vendors. Online Grocery Store is a successful e-commerce business. Sellers of different products from different brands can sell their products under one window - many sellers make sales. Products Online is a food e-commerce application. Sellers of different products of different brands can sell their products in one window. Selling process made easy for sellers. Customers are provided with a flexible and enhanced purchasing environment. The job market also benefits from. Therefore, it is important to focus on the creation and implementation of the aforementioned online store. The Birth of Modern Shopping. Since the turn of the 20th century, Piggly Wiggly was arguably the oldest and most successful in the grocery business, with offering the first self-service grocery store in the United States. Grocery store, also known as a supermarket or grocery store, is a retail outlet that primarily sells food and other household items to consumers.

III. IMPLEMENTATION

The project is implemented in three steps namely Data Collection, Data processing, Data analysis and decision. Collection of a need of products of an unlimited number of consumers, and during different periods, to a new product provided by enterprise. These images are those containing only faces. Afterwards, data processing (face and emotions detection). Finally, the analysis of these resulting emotions that generate values for the enterprise, which aims to extract business intelligence about how the product is perceived by consumers. The face detection procedure is an essential step for the relevance of our system. For our project we chose to use the latter approach to treat the problem of face detection as a classification problem. In order to determine whether an image belongs to the class of faces or non-faces we use deep learning algorithm. Finally, we classify detected emotions as expressing as happy, sad, angry, surprised, disgusted, neutral and fearful opinion towards a product, we have used Haar Cascade for data classification and from these result, the enterprise constitutes an opinion on the impact of this product on the customer. Overall, this methodology provides a simple, step-by-step process for implementing and usage of Super market analytics. With its proper classification of consumer's emotion helps the enterprise to derive the analytics w.r.t to sales pitch.

IV. ARCHITECTURE

Diagram shows the stages of project as user, browsing process, order items, making payment, store, vendor and order received. Data is collected with the help of manage products through mongo db database. The stored product data is processed for delivery and hence the analysis is performed to get the desired analytics for business insight.

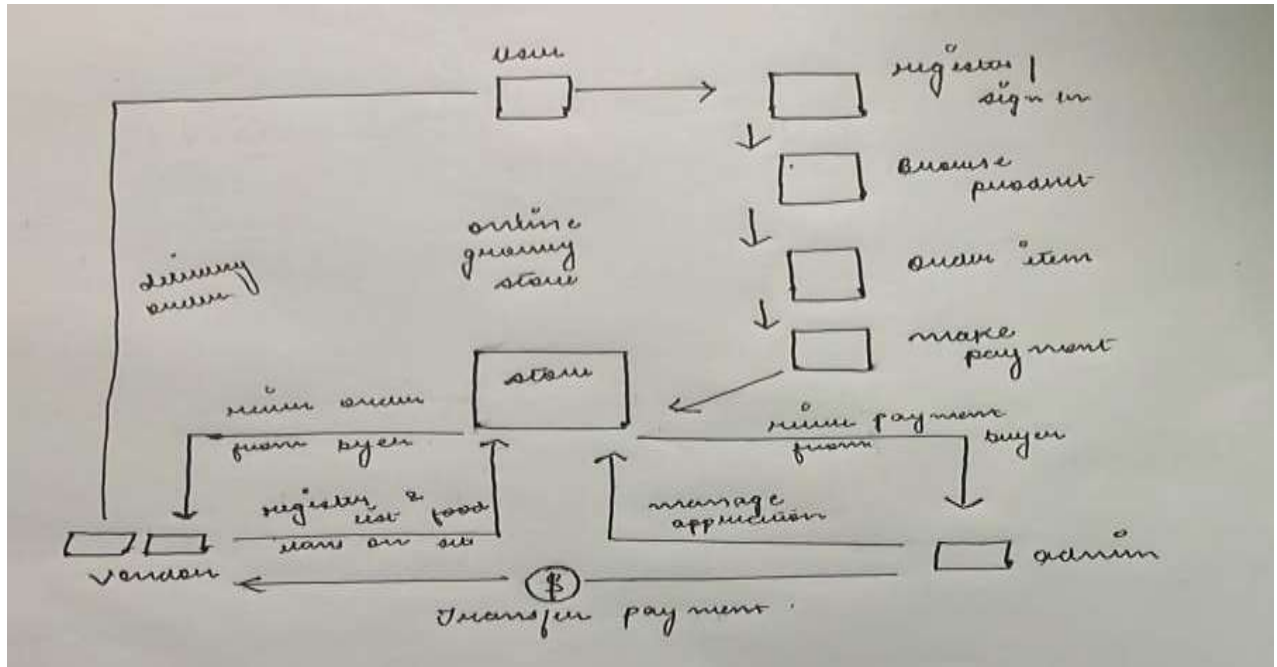


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II. CONCLUSION

In a nutshell, the shopping cart is an essential part of the grocery store, whether it's in-store or online. It is a way for customers to list and organize the foods they want during the shopping process. The shopping cart plays an important role in increasing the convenience and efficiency of shopping for customers. In real-space stores, it provides physical boxes for customers to place many products of their choice as they walk down the aisle. It provides a cohesive and integrated business by allowing customers to easily transport and manage food products. In the context of online shopping, the shopping cart represents the physical cart. Provides a central and easy way for the customer to view and update the product list before payment. Grocery Box also helps with inventory management and product management at grocery stores. It helps to keep track of inventory, update levels in real time and manage distribution of to customer orders. This allows customers to access the latest and updated information on available products. The shopping cart also supports operations such as adding and removing products, adjusting quantities, requesting discounts or promotions, and saving shopping lists for later. In addition, can provide personalized recommendations or recommendations based on customer preference or past purchases. The design and usability of Body Foods is critical to providing a great customer experience. It should be intuitive, responsive and easy to navigate, allowing customers to control their purchasing options Payment gateway security and integration with data protection measures are required to ensure the confidentiality and security of customer data during the payment transaction.

V. REFERENCES

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