



Online Grocery System

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ABSTRACT

This research paper focuses on a online grocery system project, which was made by using front-end technologies like PHP, Html-5, CSS, JavaScript, etc., and My SQL for back-end, and Xampp used for establishment of the server. The aim of this project i.e. Online Grocery System is all about books from anywhere, anytime. The extra feature involved is our shopping details which keeps the user in touch. our application is that it is secured in a way that only registered user can enter this application which have valid id and password.

KEYWORDS:PHP, XAMPP, JAVASCRIPT, MY SQL, GROCERY SYSTEM.

INTRODUCTION

A grocery store is a retail store that primarily sells food. A grocer is a bulk seller of food. Grocery stores often offer non-perishable food that is packaged in cans, bottles and boxes, with some also having fresh produce, butchers, delis, and bakeries. Large grocery stores that stock significant amounts of non-food products, such as clothing and household items, are called supermarkets. Some large supermarkets also include a pharmacy, and customer service, redemption and electronics sections.

In the United States, Canada, and United Kingdom, supermarkets and convenience stores are sometimes described as grocery businesses, or simply grocers. Small grocery stores that mainly sell fruits and vegetables are known as produce markets (U.S.) or greengrocers (Britain), and small grocery stores that predominantly sell prepared food, such as candy and snacks, are known as convenience stores or delicatessens.

Some grocery stores (especially large ones) form the centerpiece of a larger complex that includes other

facilities, such as gas stations, which will often operate under the store's name. This setup is especially common in the United Kingdom, with major chains such as Tesco and Sainsbury's having many locations operating under this format.

Some groceries specialize in the foods of a certain nationality or culture, such as Italian, Polish, oriental or Middle-Eastern. These stores are known as ethnic markets and may also serve as gathering places for immigrants. In many cases, the wide range of products carried by larger supermarkets has reduced the need for such speciality stores.[citation needed] The variety and availability of food is no longer restricted by the diversity of locally grown food or the limitations of the local growing season.

OBJECTIVES

- The Online Grocery System is meant to keep the security of the admin and between the user.
- After login user can view our some Grocery details which is purchased by user.

- User can do payment after selecting the product.
- The main concern of this project is to improve the efficiency and effectiveness of the whole system.

IMPLEMENTATION OF SECURITY FOR THE SOFTWARE DEVELOPED

To do an adequate job on security, a systems analyst must analyze the risk, exposure, and costs and specify measures such as passwords and encryption to provide protection. The backup copies of software and recovery restart procedures must be available when needed.

SECURITY AGAINST UNAUTHORIZED ACCESS:

(1) Use of administrator passwords: The password provides security to the administrator of Associates user so that unauthorized user can not access the facility of Associates User.

(2) User related checks and validations: For this software, The developer uses user related checks and validations from the user.

(3) User authorization keys: Password checking for login of Users.

SECURITY AGAINST DATA LOSS:

(1) Provision of efficient data backup system : In this software an efficient system is used for adequate backup facility.

(2) Offline data storage : this system is capable for offline data Storage.

(3) Multiple database backup : the efficient system is use for this Software to give multiple data backup.

TECHNOLOGY USED

The code for the whiteboard was written using the Visual Studio Code.

- PHP – PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server.
- JavaScript: JavaScript is a new scripting language for Web Pages. Scripts written with java script can be embedded into your HTML pages. With java script you have many possibilities for enhancing your HTML page with interesting elements.
- HTML – To provide structure
- CSS – to provide design.
- MY SQL – My SQL is one such RDBMS. It provides a set of functional programs that we use a tool to build structure and performs tasks, in My SQL data is stored and displayed in tables.

- XAMPP will be used to provide server.

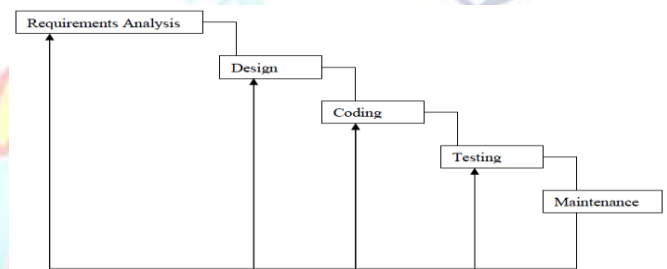
SOFTWARE METHODOLOGY

A. Figures and Tables

SDLC or the Software Development Life cycle is a process that produces software with the highest quality and lowest cost in the shortest time possible. SDLC provides a well-structured flow of phases that help an organization to quickly produce high-quality software which is well-tested and ready for production use.

In **waterfall model**, a working model of software is not available. Thus, there is no methods to judge the problems of software in between different phases.

A slight modification of the waterfall model is a model with feedback. Once software is developed and is operational, then the feedback to various phases may be given.



Linear Sequential Model has been used in carrying out this project work. The Linear Sequential Model is the oldest and the most widely used paradigm for Software Engineering. Linear Sequential Model is called sometimes the Classic Life Cycle or the Waterfall Model.

The Linear Sequential Model suggests a systematic, Sequential approach to software development that begins at the system level and progresses through Analysis, Design, Coding, Testing and Support.

FUTURE SCOPE

The Online Grocery System is for the manage process can be further developed into a separate, automated system with the following enhancements:

- 1) The Online Grocery System is for the manage process can be further developed into a separate, automated system with the following enhancements:
- 2) Help file can be included. The system, as of now, does not support any help facility for the users of the system. A help menu can be provided with a

special function key and help command in the main page itself. Help can be either introduced as a separate window, a reference to a printed manual or as one or two line suggestion produced in a fixed screen location.

- 3) The system can use typed commands, as they were once the most common mode of communication with the system. The typed command can be provided through control sequence or function keys or typed word.
- 4) A training module can be included in the system. This module can be used to train the users of the system about the systems usage.
- 5) In future, we can have the SMS facility for the employees and employee search engine that can provide the result on the basis of different criteria to search. We can also have one more module of implementing this project on web.

CONCLUSION

There was a lot of fun in making this project. This project was very useful to us as it provided us the inside view of the planning and implementation of the data base. In this project we had to think about the various options which we can provide to user. The implementation was not easy as we had to look into the minute details in order to achieve my goals. We have tried to make this project user friendly and also interactive by providing many features. We are satisfied by achieving the goals for which we had planned. A lot of experimental work can be done with this project. Looking forward for any advice which can help us to improve the project.

The result of the Online Grocery System is that it supports many type of different-different Product and the individual product with unique interface, through which the leave management problems are solved within given time and it shows efficiency in the internal messaging system and results in accurate task scheduling system and this can be run with the minimal administration.

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