

BRL DAV PUBLIC SCHOOL

BHANDARIDAH



Academic SESSION-2021-22

SYNOPSIS ON

ONLINE SHOPPING SYSTEM

Submitted by:-

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CLASS - XII SCIENCE

BOARD ROLL NO - 22660193

SUBJECT - COMPUTER SCIENCE (083)

Submitted to:

MR SUBIR DEY

Certificate

This is to certify that “” BHARTI KUMARI“”of class XII of section A has successfully Completed this Computer science project on the topic “ONLINE SHOPPING SYSTEM” Prescribed by “Mr.SUBIR DEY” , during the academic session 2021-2022 as per the guidelines issues by Central Board of secondary Education.

Signature(External examiner)

Signature (Principal)

Signature (internal examiner)

Acknowledgment

I would like to express my sincere and heartfelt gratitude to our computer science teacher "MR SUBIR DEY" who has helped me in this endeavour and has always been very co-operative and without his help cooperation, guidance and encouragement, the project couldn't have been what it evolved to be.

I extend our heartfelt thanks to my faculty for their guidance and constant supervision as well as, for providing me the necessary information regarding the project "ONLINE SHOPPING SYSTEM".

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TITLE OF THE PROJECT

ONLINE SHOPPING SYSTEM



❖ Preface:

The “Online Shopping Management System” is developed to automate the existing manual system by the help of computerised equipments. It is developed so that their valuable data can be stored for a longer period with easy accessing and manipulation of the same. It will be more easier to update the information, manage data tables etc.

Online Shopping Management System will prove to be a error free, secure, reliable and fast management system. It can assist the user to concentrate on the record keeping. Thus it will help organisation in better utilisation of resources. Hence it will prove to be very fruitful to manage and store the information.

This shopping project keeps record of products, company categories, customer orders etc. This system also provides strong security feature. This system also allows to modify it as per our requirements. This system is flexible and hence it can be developed in future. The pandemic has also triggered the process of shopping online, and it will be more organised to store the bulk of information of customer orders etc in a effective manner.

❖ Introduction to project

The “Online Shopping System” has been developed to overcome the problem prevailing in the practicing manual system. Moreover, this system is designed for the particular need to carry out the operation in smooth and effective manner.

This application is reduced as much as possible to avoid errors while entering the data. Thus by this all it proves it is user friendly. Online Shopping System is proved to be a fast management system.

Every organisation, whether big or small, has challenges to overcome managing the information of Products, shopping, customer, payment, Delivery. It provides a range of categories to shop such as beauty, gadgets, appliances, fashion etc. No extra knowledge is used to use this application. It is the need of the hour to be digital as specially in Covid times. Also, for those who are always on the go, it is just one search away. It will allow to manage better resources and efficiency of managing system.

❖ Objective of the Project

The main objective of the project on Online Shopping System is to manage the details of Shopping , Product ,Payment and Customer details .It manages all the information about Shopping Delivery, Customer ,Shopping .The purpose of the project is to build an application program to reduce the manual work for managing the Shopping ,Product,Delivery details etc.

- Functionalities provided by Online Shopping System are as follows:-
- Provides the searching facilities based on various factors such as Shopping ,Stock details , Customer details.
- Manage information about the product.
- It deals with monitoring the information and transaction of the Payment .
- Tracks the shipping information , delivery details etc.
- Gives a wide range of choices to customers ,return facilities ,etc.
- Editing,adding and updating of Records is improved which results in proper resource management of Shopping data .
- Hence it always gives a possibility to improve or enhance the Introduction to Project.

❖ Scope of the project

This project deals with the information of shopping management details. it will help the user to manage information about products, customer, payments, products delivery, etc. in obvious , simple and sensible way in very less time .it will also help to know the current information of stock, products quantities in different categories and payment details. it will also helps to know that management past year vividly and perfectly. Collection of information about management will be tranquil.

- Our project goals at digital transformation i.e. we have tried to Computerized it in various process:-
 - It will utilize to increase gross sales of revenue and customer experience.
 - To provide better quality service with intelligence which will satisfy user requirements.
 - It will be time saving ,lower costs, high accuracy and have greater productivity.
 - Automate manual process .
 - It can streamline customer interaction and transform how user or customer purchase items and make payments in less time without paperwork process.

❖ Existing system

Many customers go for purchasing offline so as to examine the product and hold the possession of the product just after the payment for the product. In this contemporary world customer's loyalty depends upon the consistent ability to deliver quality, value and satisfaction. Offline shopping has a sense of immediacy.

if we can search and make a list of items that we would like to try while shopping before actually going out. This way we can be more confident in our purchase and not missing out something. This can also help us to decide what areas to visit and plans such an event with friends relatives etc.

- **Some limitations of Existing system:**

- Time consuming.
- Shipping rates .
- Refunds /returns disputes .
- Lack of options of items .
- Cash back offer are not present.
- Bad customer service.
- Lengthy manual calculations.

❖ Proposed System

The aim of 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 the manual work.

- Security of Data.
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimum manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better quality service.
- User friendliness and interactive.
- Many options for items in different categories.

INPUT/OUTPUT REQUIREMENTS

➤ INPUT REQUIREMENTS

- Customer must give their information if they are creating a new account.
- Customer and admin both must have to login with Valid password username or email_id if they have account.
- Customer may add products in cart if they want .
- Admin can add /remove category or product by choosing his/her option.
- Customer can enquiry products and payments data.

➤ OUTPUT REQUIREMENTS

- Show information about login and customer data .
- Show login and password information.
- Show product and category information.
- show payments information.

❖ Hardware and software Requirements

Hardware requirement:

- Processor : Intel® Core™3210M
- RAM : 4GB
- Hard disk : 500GB
- Graphics : Intel HD graphics
- Display resolution : 1366x768pixels
- System type : 64-bit operating system

Software requirement:

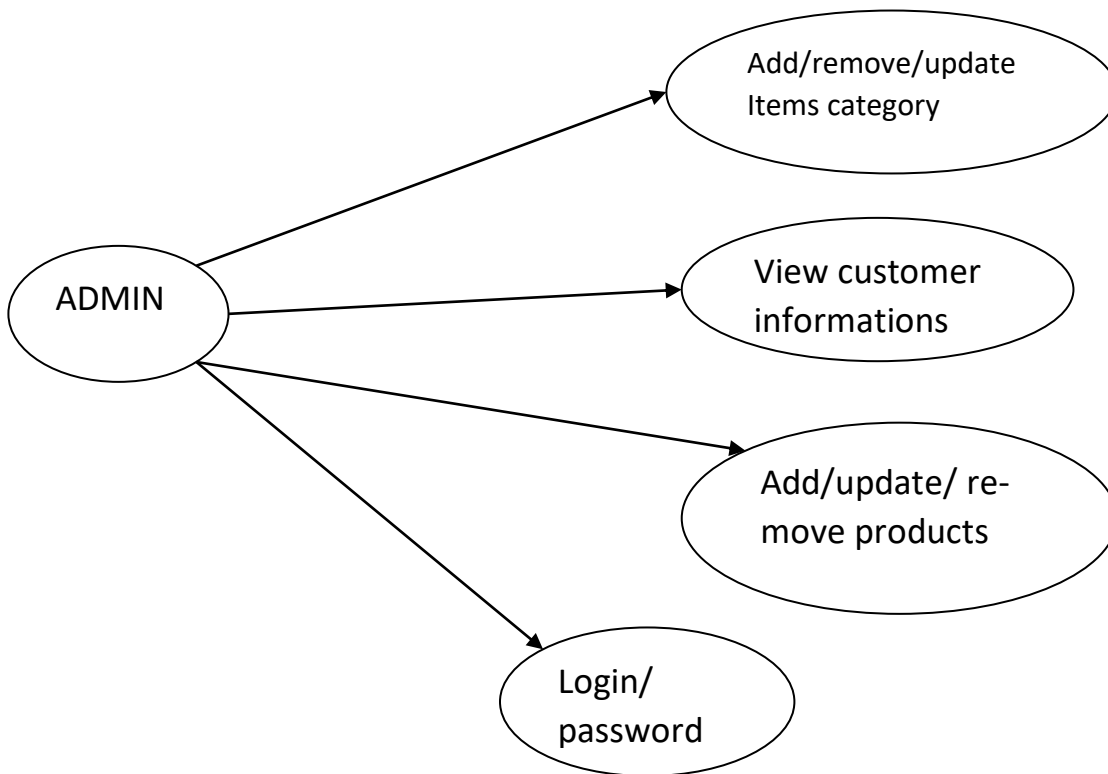
- Platform : windows
- Operating system : windows 7 ultimate
- Database : MySQL Server
- Browser : Chrome , mozilla
- Language : English

SYSTEM DESIGN

The system design has two phases one for ADMIN and another for CUSTOMER which is given below:

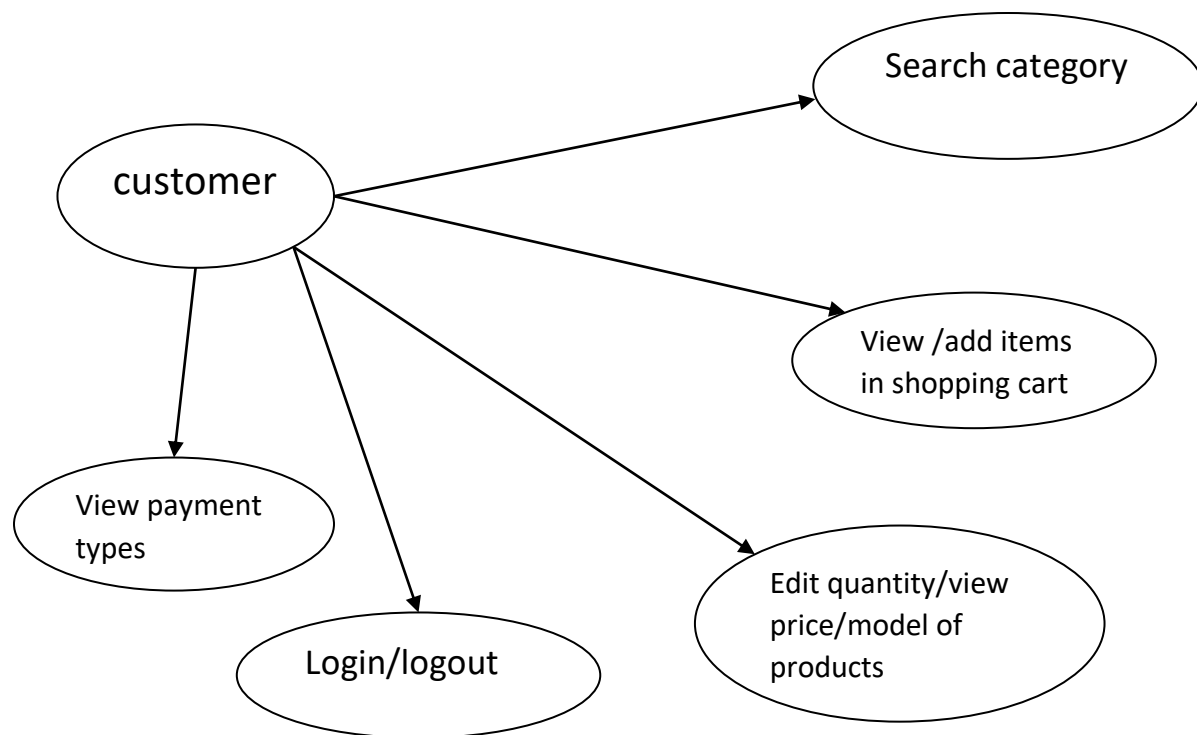
ADMIN

The system will ease the shopping operations for customer of online store . it will provide the administration(Admin) functionality to manage categories ,products and can view customers information that how many customer have login /logout from this system.Admin must login with their correct username and password.



Customer:

Customer will be able to search their needed products under different categories .selected products or items selected for purchase would be Added into the virtual shopping cart which can managed separately by Customer. It can be examined at any time by customer for selected products,their quantity and price. Apart these functionalities customer must login in this system with valid password and email-id or username.



TABLES AND FIELDS FOR DATABASE

login table

S.R.	Field Name	Data Type	Size	key
1.	username	varchar	20	primary
2.	password	varchar	20	

Customer table

S.R.	Field name	Data Type	SIZE	KEY
1.	Name	VARCHAR	100	
2.	Email_id	VARCHAR	500	
3.	password	VARCHAR	20	
4.	Mob_no.	VARCHAR	12	Primary
5.	Address	VARCHAR	300	

Payment table

S.R.	Field name	Data type	Size	Key
1.	Pay_id	varchar	20	
2.	Pay_amount	integer	10	
3.	Pay_mode	varchar	30	

Cart item table

S.R.	Field Name	Data Type	size	key
1.	Item_name	Varchar	30	
2.	quantity	interger	20	
3.	Total_cost	integer	10	

Products table

S.R.	Field Name	Data type	Size	Key
1.	P_id	varchar	30	
2.	P_Name	varchar	30	
3.	P_price	integer	10	
4.	P_model	varchar	50	

Category table

S.R.	Field Name	Data type	Size	Key
1.	Cate_id	Varchar	20	
2.	Cate_name	Varchar	20	

DATABASE DICTIONARY

Customer table

Field name	Data Type
Name	VARCHAR(100)
Email_id	VARCHAR(500)
password	VARCHAR(20)
Mob_no.	VARCHAR(12)
Address	VARCHAR(300)

Payment table

Field name	Data type
Pay_id	Varchar(20)
Pay_amount	Integer(10)
Pay_mode	Varchar(30)

Products table

Field Name	Data type
P_id	Varchar(30)
P_Name	Varchar(30)
P_price	Integer(10)
P_model	Varchar(50)

❖ Security Control

Security is the most important part of any system. It can be either the security of programme functionalities or underlying database. We have very cautious process of authentication of user that no one could change its contents in unauthorised manner.

Security and integrity of database are very important for any software system because databases are backbone of system. Security needs to be implemented at every level of system so that only authorised user can access the system for updation and other significance process.

Entering correct password while opening the system or we can say that entering the system is the process of authentication. If anyone is entering the password is wrong then he/she cannot access the system for any change purpose.

Main purpose of the security is to save system from accidentally changes or loss of information or also getting wrong information. The system administrator is the person that can change the information or update the information. And can also grant the permission that who has to enter the system and what he/she can do. So security is the most important topic to be concerned.

❖ FUTURE SCOPE

The future scope of the project circles around maintaining information regarding:

- The project made here is just to ensure that product will be valid in Today's challenging world and such more facilities will be developed in future for the customers.
- The application can be easily implemented in various situations. We can add new features as and when we required.
- The administrator of the website will give more functionality.
- Multiple shopping system will be allowed.
- We will host the platform on online servers to make it accessible worldwide.
- To utilize resources in a efficient manner by increasing the Productivity through automation.

The above mentioned points are done to increase the quality and usage of this product .Hence ,we can maintain the records of Shopping as well as the Product.

We have all the options open so that if there is any requirement in the system by the user for the enhancement of the system then it is possible to implement them.

❖ Conclusion

- Our project is only satisfy the needs to manage the project work project work .
- Coding have two adopted.
- The objective of software planning is to provide a frame work.
- It should be updateregularlyas the project progresses.
- It will allow customers to place order without even visiting the shop.
- Being able to buy anytime, any place and anywhere.
- Site enables them to browser before they have shop,and to re-search the productso they have confidencein what they are buying.

Online shopping becomes more enjoyable and easier than real worldshopping.

❖ Reference or bibliography

These are the reference which is used to complete the project.

- <http://www.freeprojectz.com>
- <http://www.slideshare.net>
- <http://www.ignouprjectguru.in>
- <http://www.studocu.com>
- <http://www.phtpoint.com>