

Online Shopping System Multimedia system and apps

¹Seema Kashyap, ²Shilpa Yadav, ³Satyam Nigam

^{1,2,3}BCA, School Of Computing Science And Engineering,
Galgotias University Greater Noida, India

Abstract-Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without over the internet. It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favourite shop.

Keywords: Android Studio, JSP, HTML, Database, Android Application.

INTRODUCTION:

Online shopping (the known as e-tail from "electronic retail" or e-shopping). Is a form of electronic commerce which permits buyers to straightforwardly purchase products or services from a seller over the web using a web browser.

Other names are: e-web-store, e-shop, e-store, web-shop, online store, online store front and virtual store. Mobile commerce (or m-commerce) obtaining from an internet retailers mobile optimised online location or app. An online shop evokes the physical similarity of buying items or services at a bricks-and-mortar retailer or shopping center. The method is called business-to-consumer online shopping. Within the case where a commerce buys from another business the method is called business-to-business online shopping. The biggest of these online retailing corporations are Alibaba, Amazon.com, and eBay.

In March 1980 he went on to launch Redifon's Office Revolution, which allowed consumers, customers, agents, distributors, suppliers and service companies to be connected on-line to the corporate systems and allow business transactions to be completed electronically in real-time.

Overview: Online Shopping System

This system includes its claim database to be kept up. As the points of interest almost the items are put away within the database. The server handle is for managing with the customer's detail and the things that are dispatched to distinctive areas based on the addresses given by the client.

The application plan contains two modules. One is for the clients who wish to purchase the articles. And another is for the store proprietors who keep up and overhauls the data with respect to the articles and almost the customers. The end-user to utilize this item is the common individuals for whom the application is to be facilitated on the net and the admin keeps up the database.

As before long as, the authorized work force nourishes the significant information into the framework, a few reports are created based on the security arrangement utilized.

Future SCOPE:

Online shopping framework gives a 24×7 benefit, that's clients can surf the site, put orders anytime they wish to. Moreover, the conveyance framework works 24×7 hours a week.

In case shops are giving an internet entry where their clients can enjoy simple shopping from anyplace, the shop won't be losing any more customers to the trending online shops such as flipkart or ebay.

Since the application is accessible within the smartphone it is effortlessly open and always accessible it can be done.

Once more, return or trade will be simple since the conveyance by can indeed do it as the store is nearby. Including a chat box for open advantage is additionally a awesome thought through which individuals can straightforwardly have a discussion with a few authorities with respect to any sort of inquiries.

Limitation: Online Shopping System

This application does not have a built-in check out prepare. This application does not have highlights by which client can set cost ranges for products and get cautions once the cost comes to the specific extend.

1. Fakes in online shopping Extortion in online shopping is the greatest drawback of online shopping.
2. Delay within the conveyance.
3. You can't touch the item.
4. You cannot deal.
5. Hidden costs and shipping charges.
6. Lack of interaction.
7. Returning the item.

System Analysis Functional and Non-Functional Requirements:

Required site is to give online subtleties to the clients of the predefined items. The framework ought to fulfill the accompanying necessities:

GENERAL Description:

- Verify user
- Show items and their subtleties with many different.
- Site ought to have the option to enlist new client.
- Examination:
- Verify client dependent on username and secret phrase.

- Monitoring client movement.
- Keeping up the record of items.

External Interface Requirements:

SOFTWARE REQUIREMENTS:

- 1) **Operating System:** window 7 with the JVM (Java virtual machine) to run the application.
- 1) **Oracle 10g:** It is the server that delivers a flexible and cost effective relational database platform to build robust on demand business applications.
- 2) **JDK 6:** It is the java development tool kit it contain all the directories of the java classes and JVM environment.
- 3) **Apache Tomcat 5.5 servers:** The most official JSP container called Tomcat. apache Tomcat is A WEB Container Developed At The Apache Software foundation.
- 4) **HTML:** It is a client Side Scripting language.
- 5) **JSP:** It is a server side Scripting language.
- 6) **Front end tool:** html, JSP, JDK 6, Tomcat server
- 7) **Back end tool:** oracle 10g

Hardware Requirement

PROCESSOR: INTEL(R) CORE(TM) i3cpu [M370@2.40GHz](#)

MEMORY (RAM): 3.OOGB

SYSTEM TYPE: 32-BIT OPERATING SYSTEM

HARD DISK: 500GB

Non Functional Requirement

- System should be able to handle Different users.
- Login by Username, password should be incorporated wherever necessary.
- Should be client Friendly And Display simple to get it Blunder Messages.

Reliability: The reliability Of the general Software relies upon the separate components. The important pillar Of reliability of the device is the backup Of the database that is constantly maintained and up to date to mirror the maximum latest change\$.

Availability: The device needs to be to be had in any respect times, that means the person can get entry to it the use Of an internet browser, best limited via way Of means Of the down time Of the server On which the device runs. In case Of a Of a hardware failure Or database corruption, a alternative web page may be shown.

Maintainability: A industrial database is used for retaining the database and the Software server looks after the Site. In case Of a failure, a re-initialization Of this system may be completed

Performance

The framework will be utilized by numerous clients and may develop over the long haul. Essential estimate should be taken to make the framework as quick as could reasonably be expected.

Technologies:-

The segment lists all the advances for the Online framework. This undertaking is an Electronic Application that is created in ASP.NET having SQL-SERVER as backend.

Information base plan (SQL worker 2008 r2)

Info plan (ASP.NET with C Sharp.)

SOFTWARE: SYSTEM ATTRIBUTES:

CLIENT SIDE:

.NET framework, WEB browser, Operating SYSTEM which supports the aforementioned.

Usability: The connections are accommodated each structure. The client is encouraged to see

Furthermore, make sections in the structures. Approvals are given in each field to maintain a strategic distance from conflicting or invalid section in the information bases. A few structures comprise hyperlinks, which gives further subtleties.

Security: APPLICATION will allow only valid users to access the system. Access to any application resource will depend upon user's designation. Security is based upon the individual username and password.

Portability: The Application is created in ASP.NET. It is versatile to other working frameworks. The .NET framework is accessible for the OS, as the data set is made SQL SERVER, porting the data set to another information base worker would require some advancement exertion.

Acceptance criteria:

- An easy to understand interface with legitimate menus.
- Data move ought to be precise and within a sensible measure of time remembering the organization traffic.
- The framework ought not permit passage of copy key qualities.
- System ought to be able to create value-based logs to keep away from any unplanned loss of information.

objectives: Online Shopping System

To provide an android application for Online shopping of products in an existing shop to provide a Online shopping web site for the same shop.

Characteristics Of the proposed system:

The web application has following highlights:

- in contrast with the current framework the proposed framework will be less time burning-through and is more effective.

examination will be extremely simple in proposed framework as it is mechanized.

- the proposed framework is security as no odds of loss of information all things considered subject to the director as it .

Input And Output Design:

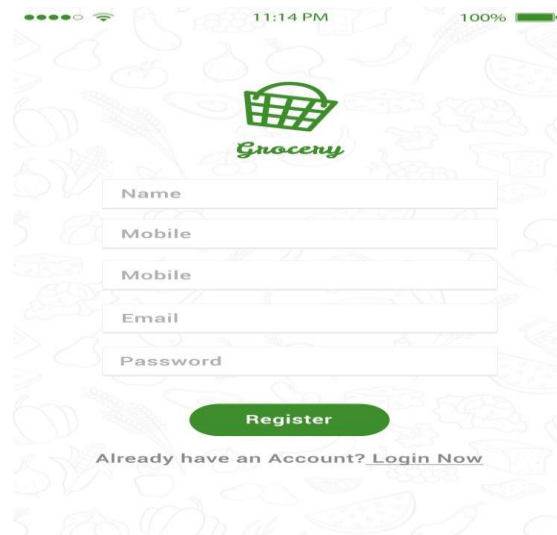
Input design is the link that ties the information system into the world of its users. The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Errors entered by the data entry operators can be controlled by input design. The user-originated inputs are converted to a computer-based format in the input design. Input data are collected and organized into groups of similar data.. All the input data are validated and if any data violates any conditions, the user is warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. Output design is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output

Analysis and design: online shopping system

Context Analysis Diagram:



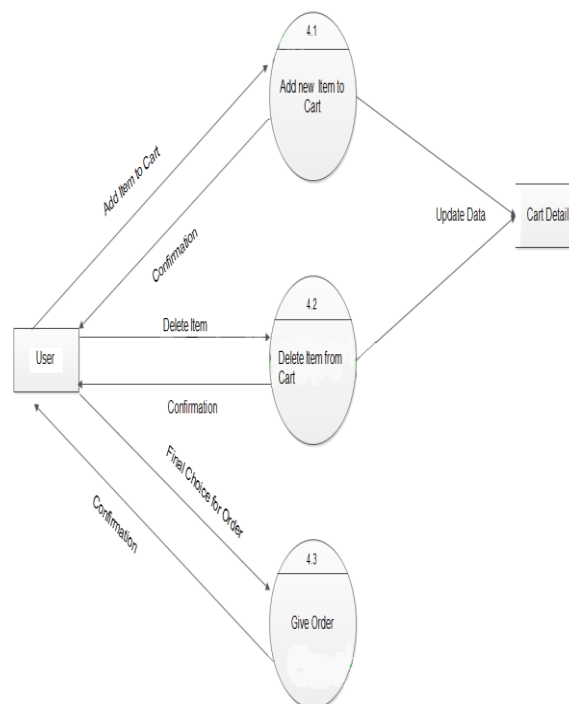
Login Page



DFD(data flow diagram):

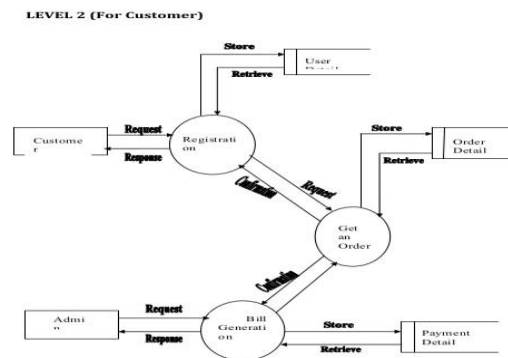
A Data Flow Diagram (DFD) is a structured analysis and design tool that can be used for flowcharting. A DFD is a network that describes the flow of data and the processes that change or transform the data throughout a system.

First level DFD diagram:





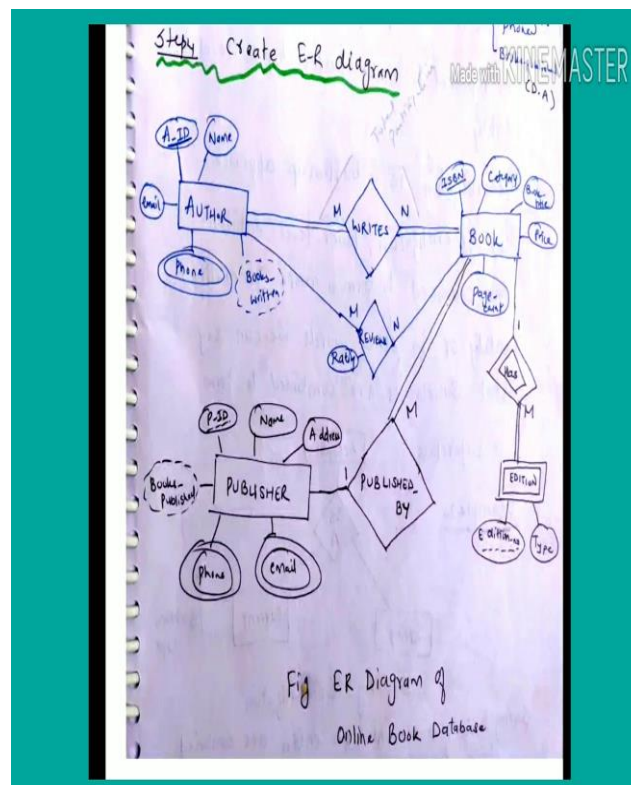
Second level (for customer) dfd diagram:



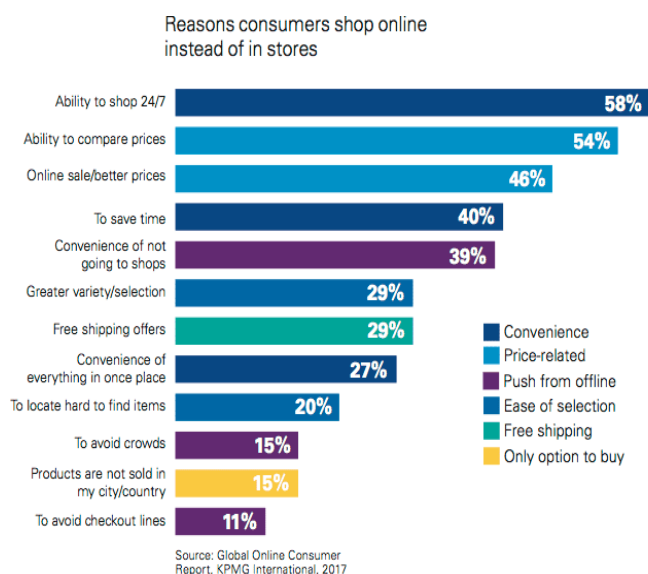
21

Database (E-Model):

E-Diagram:



Reason for consumer Online shopping:



CONCLUSION

The web has opened so numerous openings for doing trade online, and e-commerce is one of the foremost well known ones. Not as it were does it require low investment, it really may be a sort of business that does not require a full-time commitment, particularly on the off chance that you're offering a restricted number of items. You fair make an internet nearness and advance the commerce here and there utilizing both free and paid methods. However, as each trade, it has its positive and negative sides. In the event that you need to attain victory, you'll got to make an organized methodology which is based on practical objectives and comprehensive investigation of the advertise.

online shopping based on our overview are the understudies of Founded of Computing Thinks about since of their field at innovation; since online based markets tend to discharge contraptions that are beat of the line and reasonable, understudies get all the opportunity they seem get to buy those on online.

Since it is exceptionally helpful and push free, it's moreover reasonable and can discover parts of things in there.

Based on our perception numerous individuals lean toward to utilize it instead of go to the advertise put and shopping centers.

REFERENCES:

1. Brown mark, pope nigel, vogeskevin, zealand new, buying or browsing? An exploration of shopping orientations and online purchase intention, european journal of marketing, 2003, page 1666-1684.

2. Cheemaumair, rizwanmuhammad, jalalrizwan, durranifaiza, sohailnawal, the trend of online shopping in 21st century: impact of enjoyment in tam model, asian journal of empirical research, 2015, page no. 131- 141
3. Corvielisabetta and boneramichelle, the effectiveness of advertising: a literature review, 10th global conference on business and economics, 2010, page no. 1-11
4. Dahiya richa, impact of demographic factors of consumers on online shopping behavior: a study of consumers in india, international journal of engineering and management sciences, 2012, page no. 43-52.
5. Goyal, dr. M.m., online shopping : a survey on consumer's perception, the international journal of business and management, nov. 2014, page 73-79.
6. Hansen torben consumer adoption of online grocery buying: a dircriminant analysis, iternational journal of retail & distribution management, 2005, page-101-121.
7. Bellman, S., Lohse, G. L., & Johnson, E. J. (1999). Predictors of online buying behavior. Communications of the Association for Computing Machinery, 42, 32–38.
8. Cai, Y., Yang, Y., & Cude, B. (2006). The inconsistency of U.S. consumers' opinion and use of online banking. Manuscript submitted for publication.
9. Bennett, R., Hartel, C. E. J., & Mccoll-Kennedy, J. R. 2005. Experience as a Moderator of Involvement and Satisfaction on Brand Loyalty in a Business-to-Business Setting. Industrial Marketing Management, 341, 97-107
10. Nagarajan, G. and Kumar, K.S., "A Security Risk on Data Storage in Cloud based System–Survey". International Journal on Emerging Technologies 10(2): 195-199(2019).