

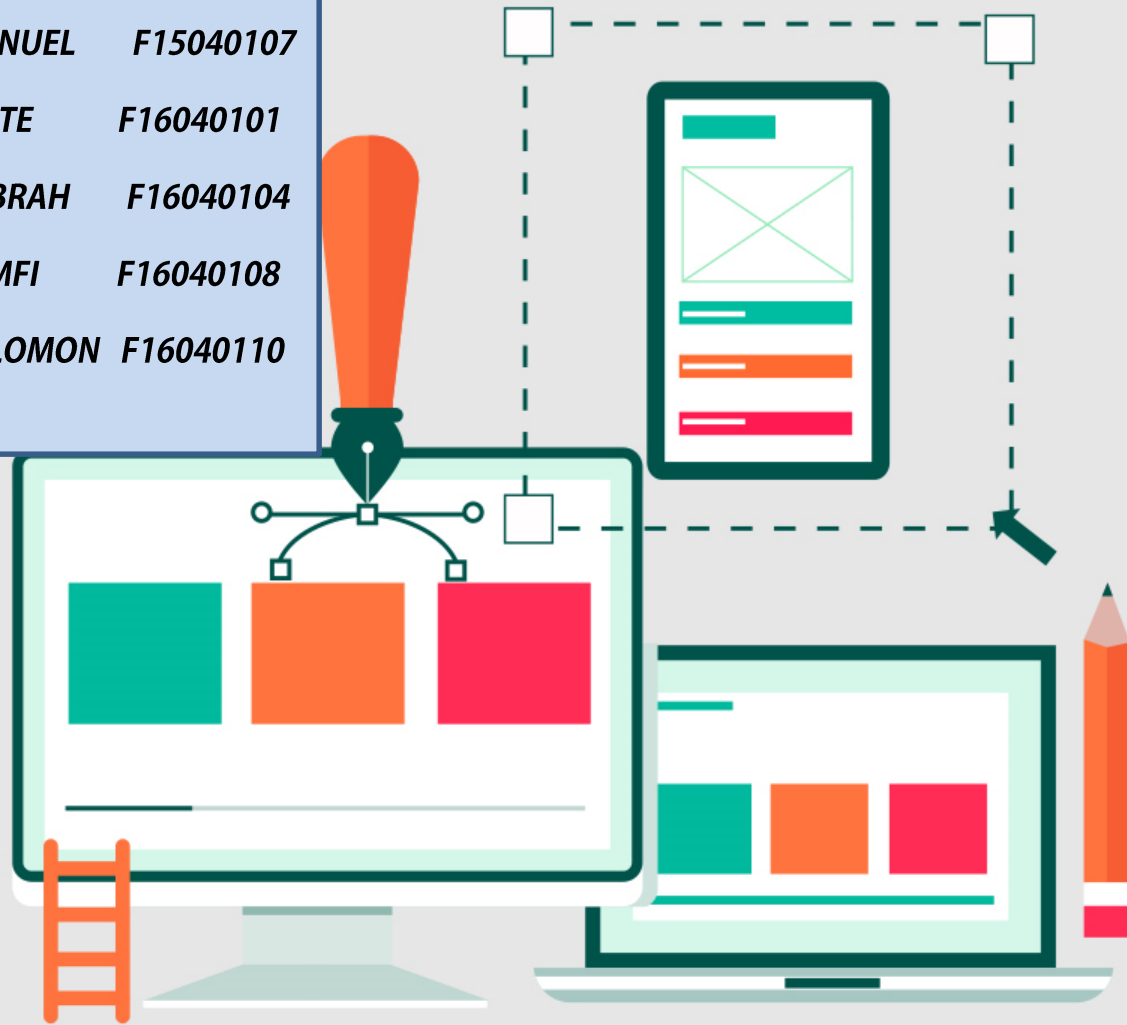
ADUSEI PEPRAH EMMANUEL **F15040107**

GODFRED ADJEI ASANTE **F16040101**

STEPHEN DUODU ATOBRAH **F16040104**

RICHMOND ADU GYAMFI **F16040108**

ANTWI FRIMPONG SOLOMON **F16040110**



TITLE: E-COMMERCE WEBSITE FOR ONLINE SHOPPING

GROUP-GH

E-commerce has become one of the most popular methods of making money online and an attractive opportunity for investors. 'E-commerce' and 'online shopping' are often used interchangeably but at its core e-commerce is much broader than this – it embodies a concept for doing business online, incorporating a multitude of different services e.g. making online payments, booking flights etc. The power of e-commerce should not be underestimated as it continues to pervade everyday life and present significant opportunity for small, medium and large businesses and online investors. You don't need to look far to see the potential of e-commerce businesses. Amazon, for example, which set the standard for customer-orientated websites as well as a lean supply chain, has been seen to sell in excess of 426 items per second.

Architecture Section

To provide detailed definition of the E-commerce website components.

To discuss the CVS Architecture.

To discuss the CO Architecture.

To discuss the Use Case Diagrams.

To elaborate on the Data flows Diagrams.

Process Section

Risk To Successful Completion

Project Scheduling

Team Structure

Documentation Plan

Coding Style Guidelines

E-COMMERCE WEBSITE COMPONENTS

Login to your account

Name

Password

Login

OR

New User Signup!

Name

Password

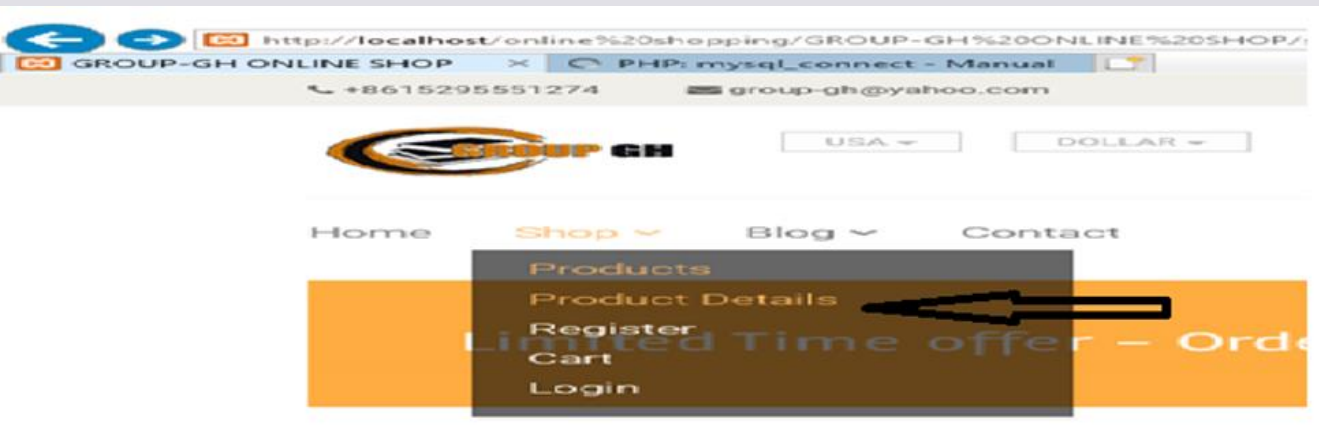
Email Address

Mobile Number

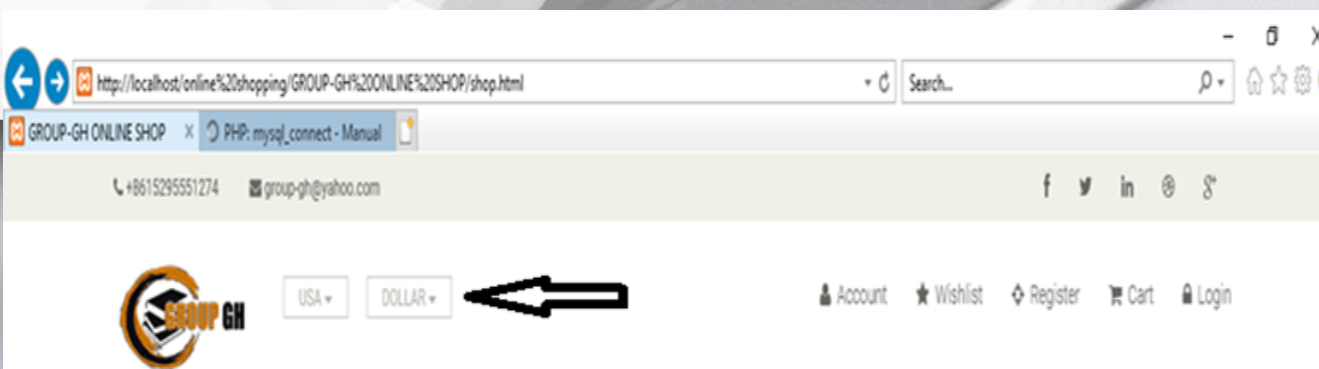
Your Address

Signup

Guest User Sign Up

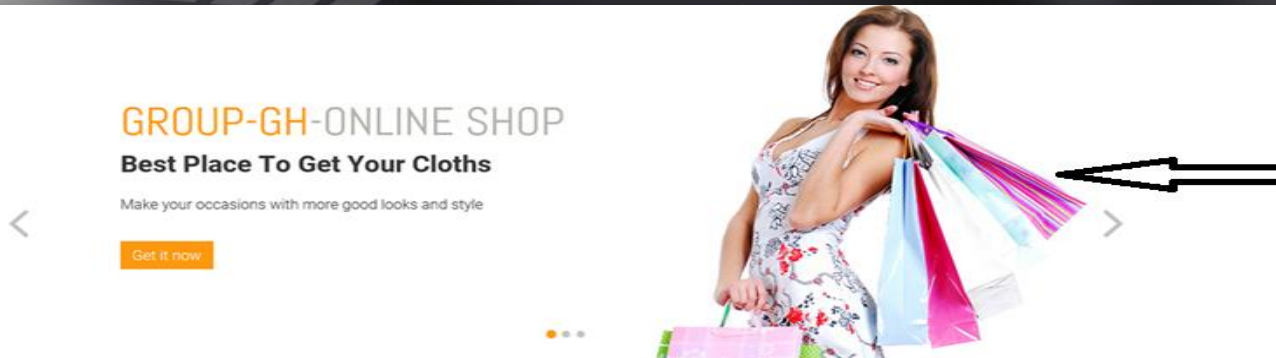


Detailed Description Of Product



Us Dollar Business Transaction

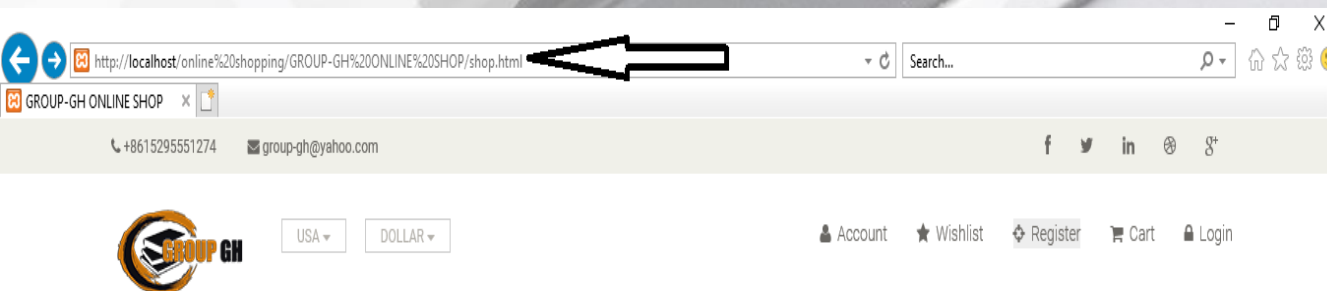
E-COMMERCE WEBSITE COMPONENTS



Good Photo Quality



Online Slider Promotion

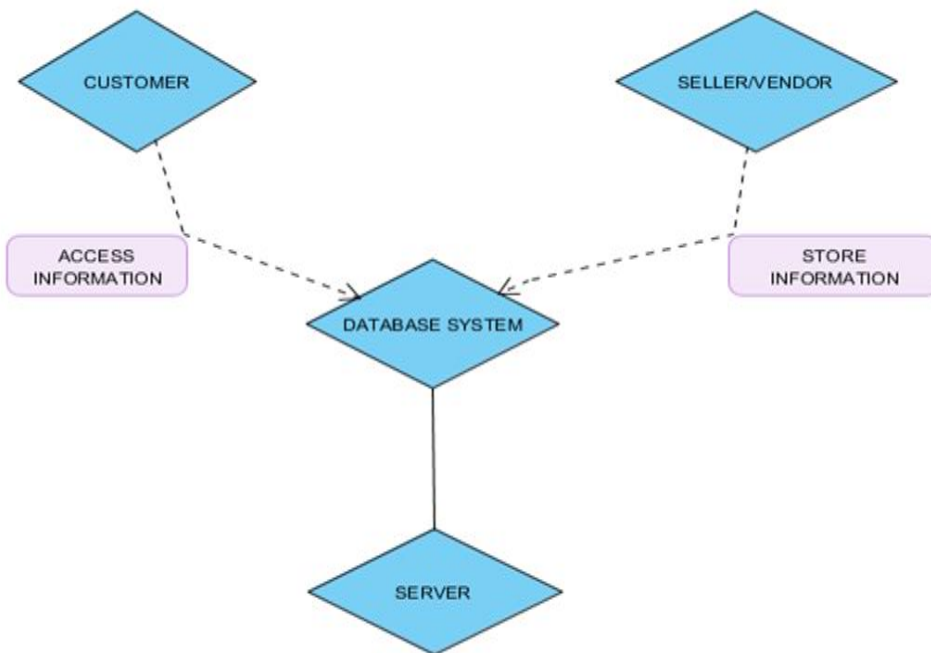


Host Server

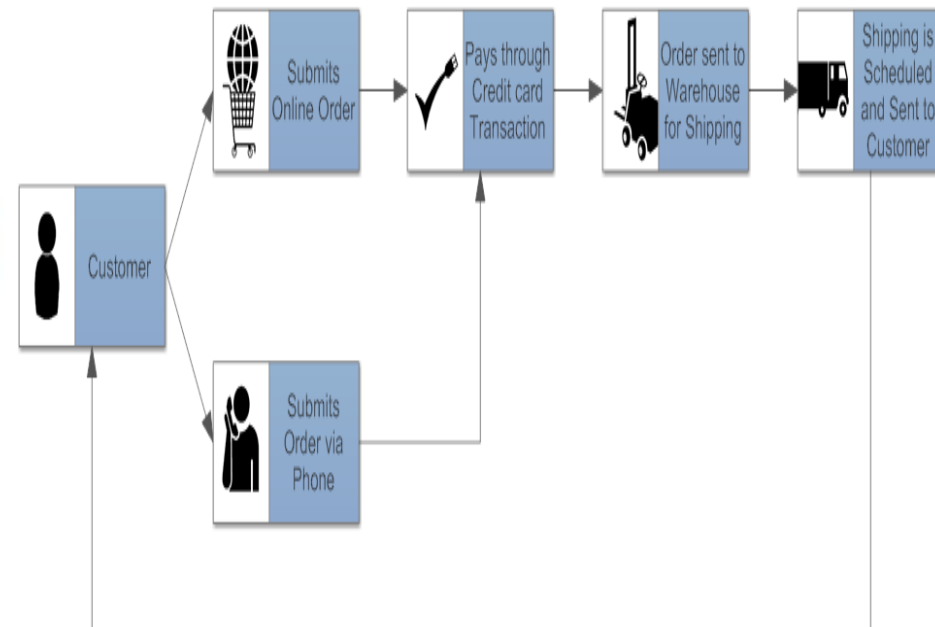
➤ CVS AND CO ARCHITECTURE DESIGN

In the simplest case, a customer-server and seller-server system consists of a server system and (one or more) customers and sellers trying to access information stored in the database system connected.

An architecture for easy customer ordering of goods and products called the Customer Ordering (CO) Architecture. An order can be made through the telephone but preferably online ordering is considered.



CVS Architecture



CO Architecture

RISKS TO SUCCESSFUL COMPLETION**RISKS TO
SUCCESSFUL
COMPLETION**

**Online
Security
Threats**

**Delay in
product
delivery**

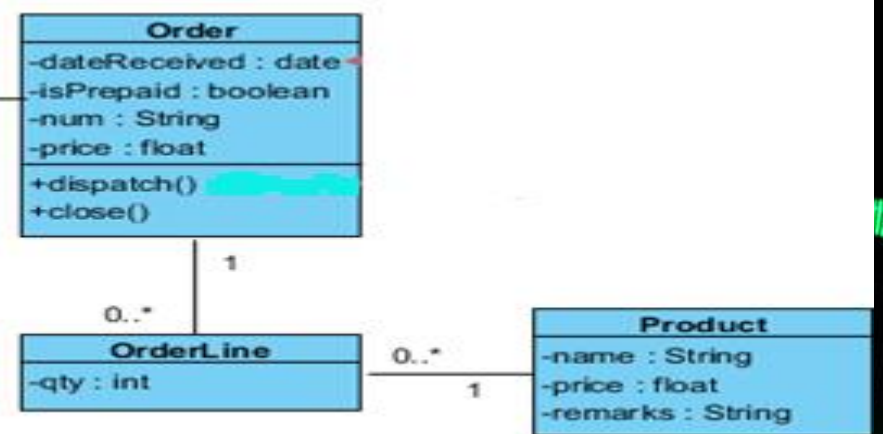
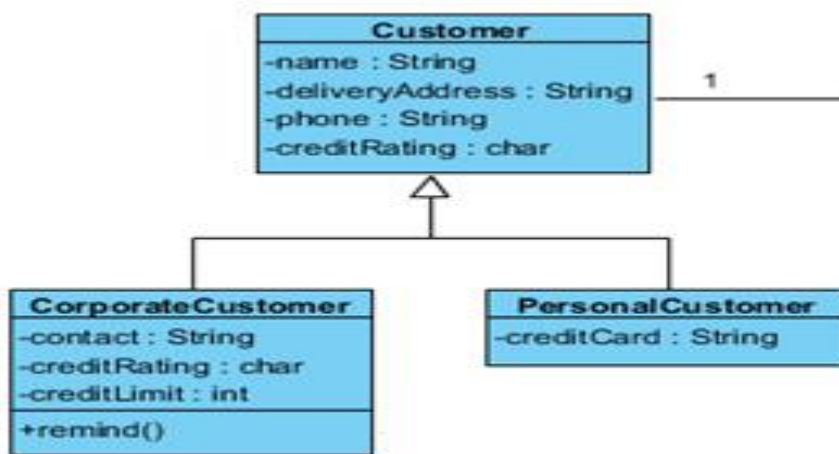
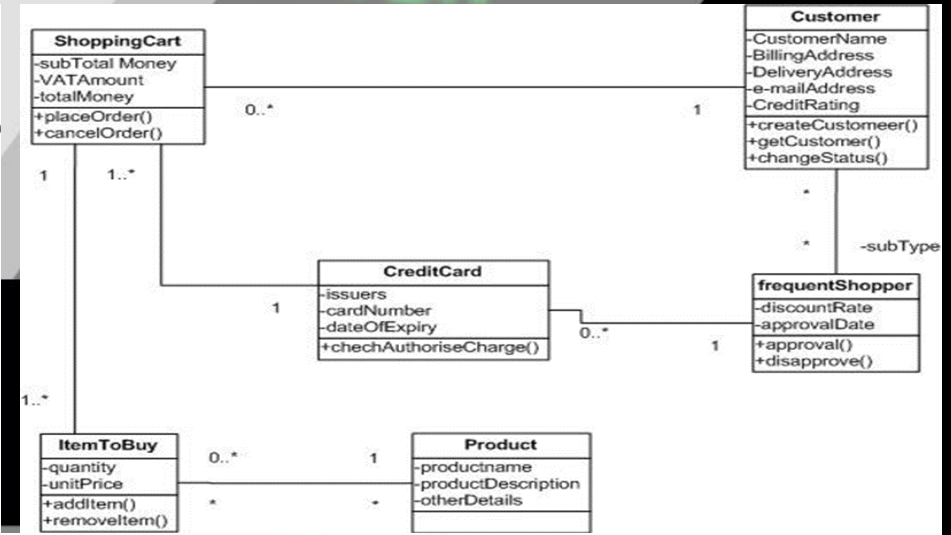
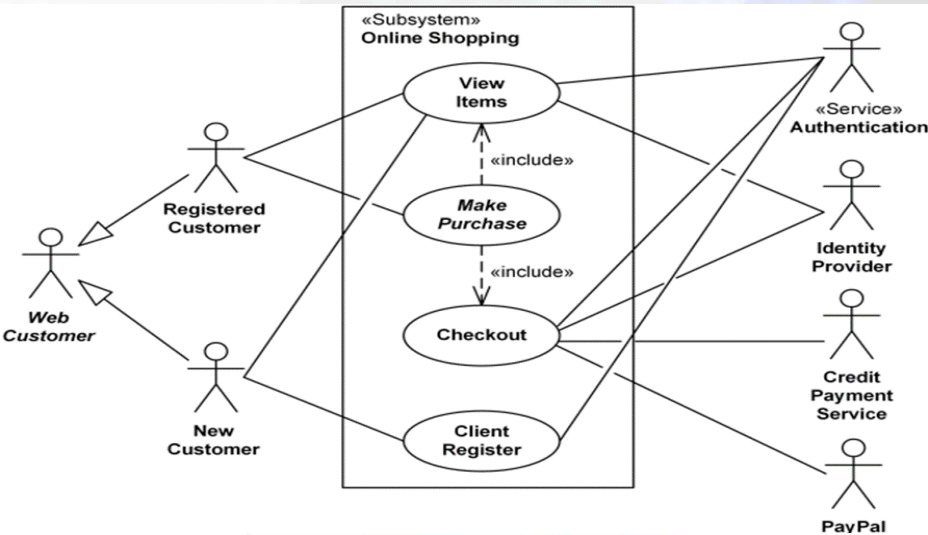
**Privacy
Issues and
Threats**

System Reliability

Performance



Use Case Diagrams



PROJECT SCHEDULING

PROJECT SCHEDULING

```
graph TD; A[PROJECT SCHEDULING] --> B(1. Initial Planning); A --> C(2. Wireframes and Mockup); A --> D(3. Content); A --> E(4. Development); A --> F(5. Testing); A --> G(Deployment);
```

**1. Initial
Planning**

**2. Wireframes
and Mockup**

3. Content

4. Development

5. Testing

Deployment

```
graph TD; A((DOCUMENTATION PLAN)) --> B(Registration); A --> C(Operational Scenario); A --> D(Portability); A --> E(Technical Issues); A --> F(Log out); A --> G(Payment); A --> H(Log in);
```

DOCUMENTATION PLAN

Registration

Operational
Scenario

Portability

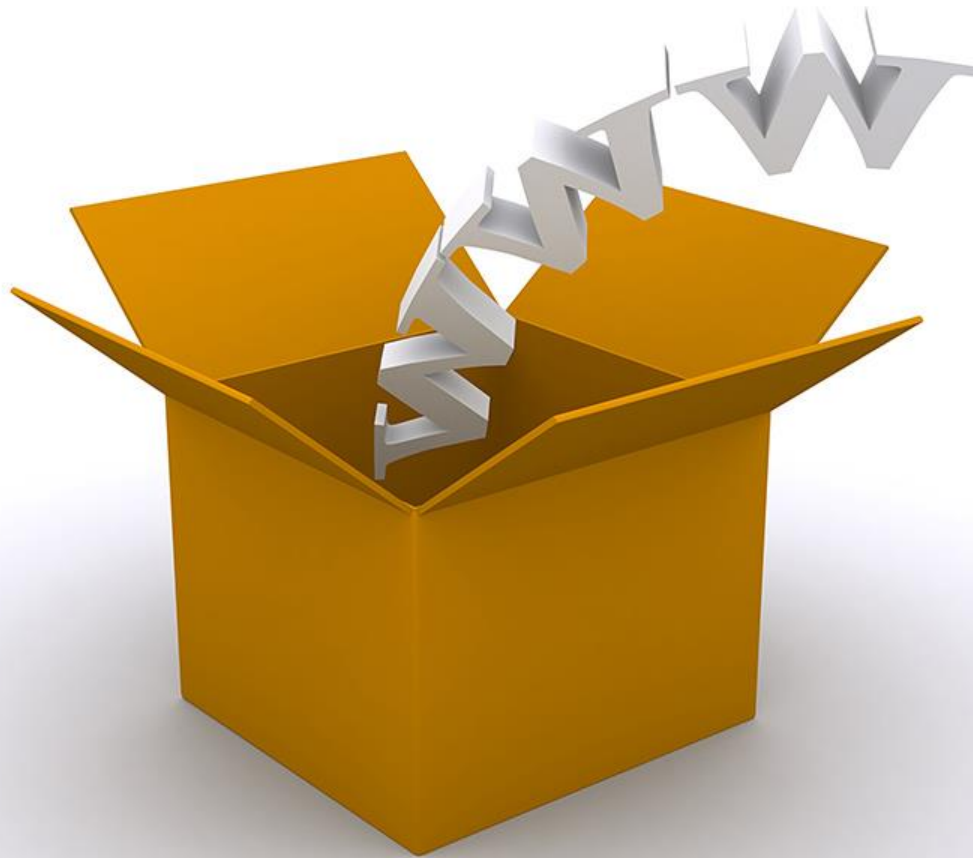
Technical
Issues

Log out

Payment

Log in

Conclusion



In general, today's businesses must always strive to create the next best thing that consumers will want because consumers continue to desire their products, services etc. to continuously be better, faster, and cheaper. In this world of new technology, businesses need to accommodate to the new types of consumer needs and trends because it will prove to be vital to their business' success and survival. Hence, we designed the project to provide the user with easy navigation, retrieving of data and necessary feedback as soon as possible.