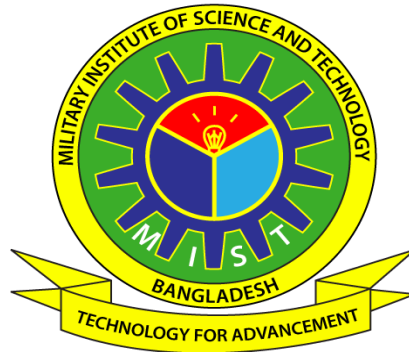


Internet Programming Sessional



CSE-410

Project Name: BD Packaging & Shifting

Group-04

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Introduction

Why our topic is important

In Bangladesh, there are lots of people who are government employees. After 1-2 years they have got posted from one district to another. Even those who are civilians also change their residents from one area to another area inside the cities & towns. Again, if anyone wants to renovate their house, they will also have to shift from one place to another for a short time. During this shifting time, it is very difficult to pack all the goods which includes electronic devices, crockery, utensils, furniture etc. Some of these household goods are very fragile, therefore they need some special hands to pack. Again, some are very sensitive goods, which need special care. It is impossible to take care of all the goods, therefore during shifting, some of our household goods have been lost or broken. So, to minimize the pressure & load during shifting from one place to another, we have made a useful website which will help people & provide them packing and shifting service to ease their life at the time of transfer at a very reasonable cost.

Important applications of our website

- People can use our website to get any kind of packaging & shifting services.
- People can buy any kind of packing materials like cartons, boxes, ropes, plastic wrappers etc.
- People can hire labors to help them in packing & also for shifting.
- People can book transports for shifting their products according to their desire.

- We are providing special handling in our website where they can ask for special care for their sensitive goods.

Main features of our website

- Sell products for packing like cartons, boxes, plastic wrappers etc.
- Provide trained crew which includes:-

Packers: for packing all the goods

Movers: for loading goods to the transport and unloading them to the destination

Electricians: for setting up the electronic appliances

Cleaners: for cleaning up the house after shifting.

Furniture- reassemblers: for re-assembling the furnitures.

- Provide Transportation like bus, car, van for shifting goods.
- Special handling for sensitive goods.
- Complain desk, if any user is not happy with our service they can complain there which can be an open forum for all the registered customers to share their feelings.

We have created a website which will help a lot during shifting in a short time. It will save our time & also minimize our load. Again, we will get all types of packing goods under one roof. It will also reduce our cost & tension.

How our work is better

There is no website introduced in Bangladesh for this purpose till now. So, undoubtedly this is a new & creative concept in Bangladesh perspective. As this is an authentic & efficient website, we will provide

- Trustworthy packers, movers, cleaners, electricians & drivers.
- All packing materials under one roof for buying.

Development Framework

We have chose PHP for our website & MYSQL for our database. The reason for choosing PHP as our development framework is given below:

1. Easy: This server side scripting language is extremely easy to learn, as compared to other languages. Also, if you are familiar with the syntax of C or Perl, you will learn PHP easily and quickly; all thanks to easy to understand syntax!

2. Control: While other languages need long scripts, PHP can do the same work in a few lines of code; having the maximum control over the websites. Also, whenever you want to make changes, you can edit is easily.

3. Cost efficient: As you know, PHP is open source, it is free of cost. You need not buy expensive software for it. Your website will be developed in the minimal cost.

4. Efficient: As you know you can enhance the performance of the website built in PHP, as it is scalable when writing the code as well as reliable too when you need to deal with a lot of web pages.

5. Access to support: As PHP is being used by a huge number of people, a large community is formed. So, you need not worry if you get stuck somewhere. You will easily get the support from them.

6. Platform independent: Whether it is Windows, MacOS, Linux or UNIX; it supports all the major web browsers.

7. Supports all servers: PHP also supports all the major web servers; be it Apache or Microsoft IIS. It also supports Netscape and personal web server.

8. Speedy: PHP uses its own memory, so the workload of the server and loading time gets reduced automatically, which results into the faster processing speed. So, it reduces the development time when it comes to the web apps like eCommerce or CRM.

9. Secured: It is one of the most secured way of developing websites and web applications; as it has got a security layer to protect against viruses and threats.

10. Tested, proven and trusted: As it has been used for over 2 decades by millions of people, its capabilities have been tested and proven and thus trusted by the most developers.

Database & UI Design

Database View

We have used total 9 tables in our entire website. Here is a view of our database.

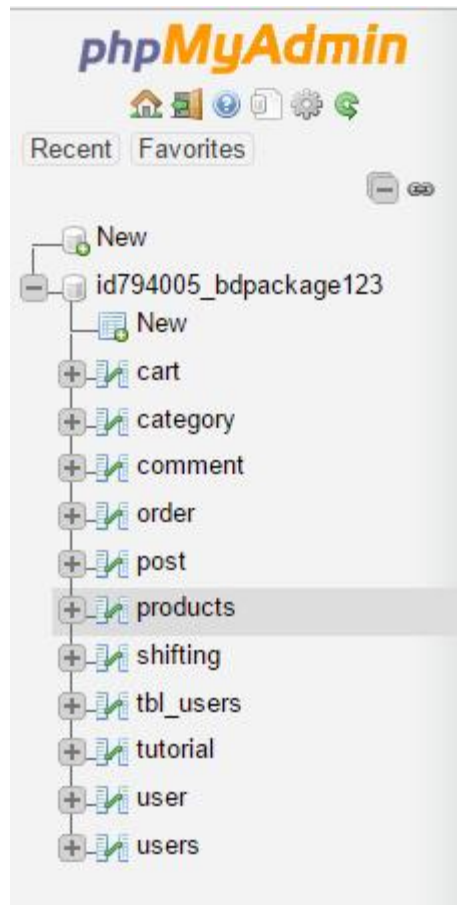


Fig: Database view

Relationship among DB

Before going to the project code at first we develop our E-R diagram, which was basically a preliminary overview of our database. The E-R diagram is given below:

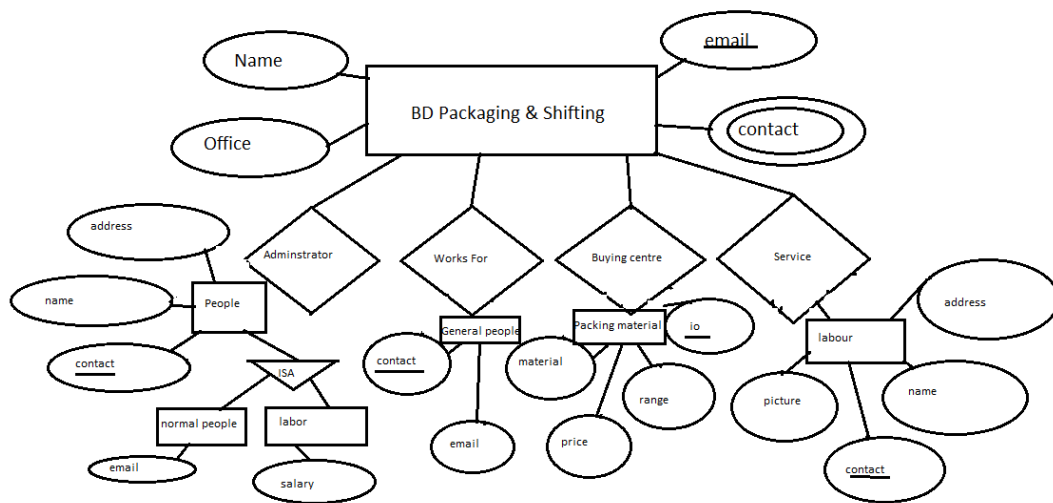


Fig: E-R diagram of BD packaging & Shifting

Sketches of UI

Basically we have developed our website in a template. Templates are available in net. From there we have selected one for BD packaging & shifting service. In the following section, we will show you some sketches of our project.

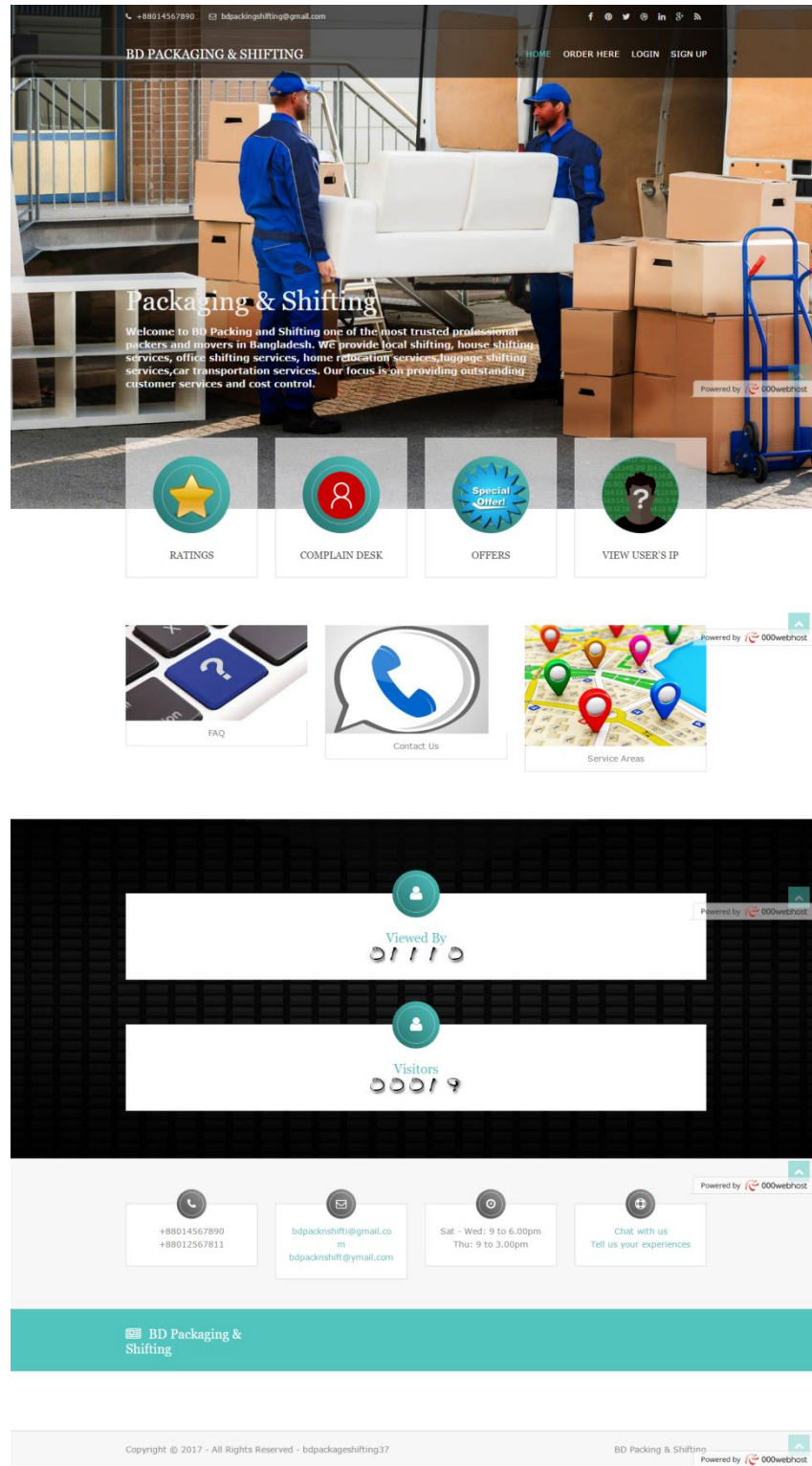


Fig: Homepage of BD packing & shifting

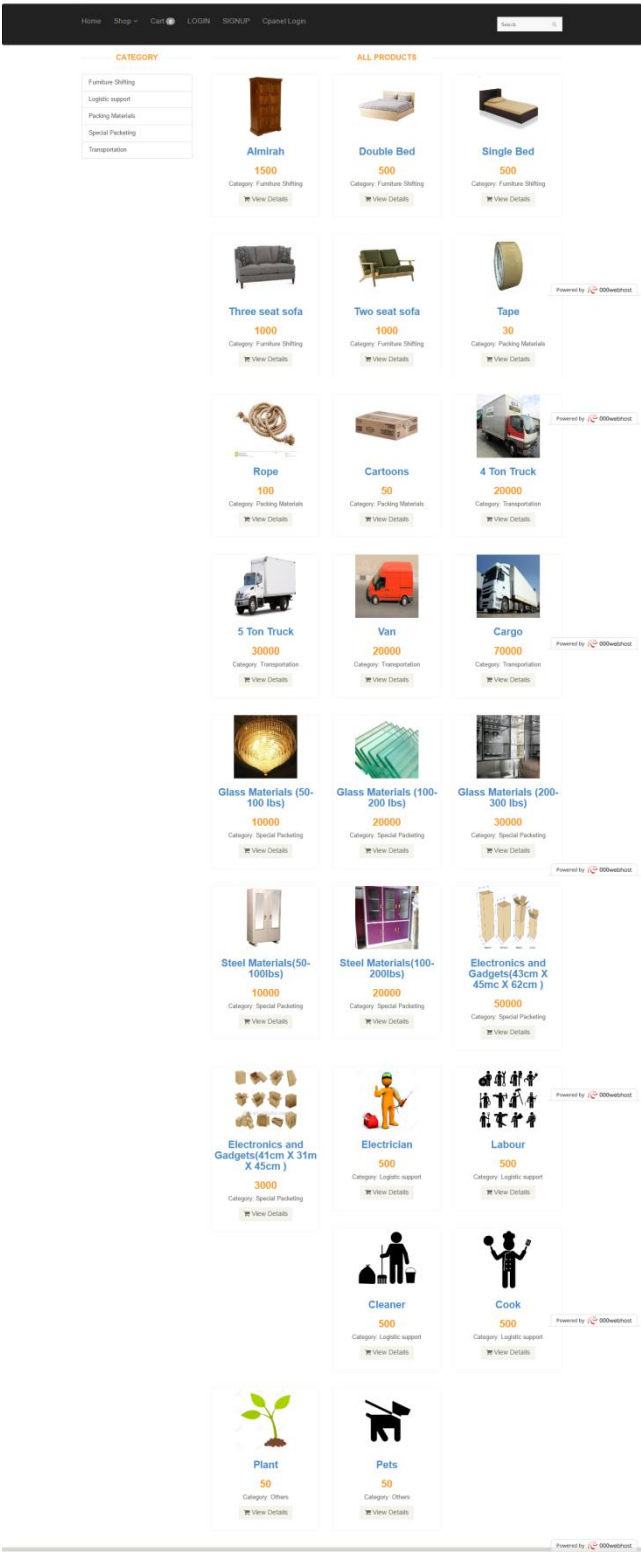


Fig: Carting System

CPANEL

Products25

Orders1

Category5

See Users1

Complain Desk1

View Reports1

Logout

ALL PRODUCTS

Filter

Add Product


























ID	IMAGE	PRODUCT	DESCRIPTION	PRICE	CATEGORY	ACTION
83		Almirah	Will be taken care of	1500	Furniture Shifting	<input checked="" type="checkbox"/> <input type="checkbox"/>
84		Double Bed	Will be taken care of	500	Furniture Shifting	<input checked="" type="checkbox"/> <input type="checkbox"/>
85		Single Bed	Will be taken care of	500	Furniture Shifting	<input checked="" type="checkbox"/> <input type="checkbox"/>
86		Three seat sofa	Will be taken care of	1000	Furniture Shifting	<input checked="" type="checkbox"/> <input type="checkbox"/>
87		Two seat sofa	Will be taken care of	1000	Furniture Shifting	<input checked="" type="checkbox"/> <input type="checkbox"/>
88		Tape	Need for packing	30	Packing Materials	<input checked="" type="checkbox"/> <input type="checkbox"/>
89		Rope	Need for packing	100	Packing Materials	<input checked="" type="checkbox"/> <input type="checkbox"/>
90		Cartoons	Need for packing	50	Packing Materials	<input checked="" type="checkbox"/> <input type="checkbox"/>
92		4 Ton Truck	Safety First	20000	Transportation	<input checked="" type="checkbox"/> <input type="checkbox"/>
95		5 Ton Truck	Safety First	30000	Transportation	<input checked="" type="checkbox"/> <input type="checkbox"/>
96		Van	Safety First	20000	Transportation	<input checked="" type="checkbox"/> <input type="checkbox"/>
97		Cargo	Safety First	70000	Transportation	<input checked="" type="checkbox"/> <input type="checkbox"/>
98		Glass Materials (50-100 lbs)	Safety First	10000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
99		Glass Materials (100-200 lbs)	Safety First	20000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
100		Glass Materials (200-300 lbs)	Safety First	30000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
101		Steel Materials(50-100lbs)	Safety First	10000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
102		Steel Materials(100-200lbs)	Safety First	20000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
103		Electronics and Gadgets(43cm X 45mc X 62cm)	Safety First	50000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
104		Electronics and Gadgets(41cm X 31m X 45cm)	Safety First	3000	Special Packaging	<input checked="" type="checkbox"/> <input type="checkbox"/>
105		Electrician	Safety First	500	Logistic support	<input checked="" type="checkbox"/> <input type="checkbox"/>
106		Labour	Safety First	500	Logistic support	<input checked="" type="checkbox"/> <input type="checkbox"/>
107		Cleaner	Safety First	500	Logistic support	<input checked="" type="checkbox"/> <input type="checkbox"/>
108		Cook	Safety First	500	Logistic support	<input checked="" type="checkbox"/> <input type="checkbox"/>
109		Plant	Safety First	50	Others	<input checked="" type="checkbox"/> <input type="checkbox"/>
110		Pets	Safety First	50	Others	<input checked="" type="checkbox"/> <input type="checkbox"/>

Fig: Admin Panel

Project Overview

List of all features of our project

The features what we have completed in our project are given here.

- **Mail Integration:** We are checking the validity of users by mail integration. We are also confirming the valid users via mail confirmation.
- **IP Tracking:** We are tracking the IPs of the users' for security purpose. Users can see the numbers of users of our website. But only the administrators of our website can see the tracks of IPs.
- **Session based login:** We are providing session based login where after sometime the logged in account will automatically logged out.
- **Review System:** We provide review system where user will give reviews & rate the website through which other users can easily understand our service quality.
- **Complain Desk:** If any customer wants to complain anything, there will be a complain desk where they can easily complain theirs & get feedback from admin. They can also communicate with other users via that desk.
- **Admin Panel:** We provide an admin panel from where admin can handle the entire website.
- **Carting System:** We have provide a massive cart system where user can able to buy any kind of materials & service. The cart will also provide special handing for sensitive goods.

Use Case scenario

A use case scenario of carting system is given below:

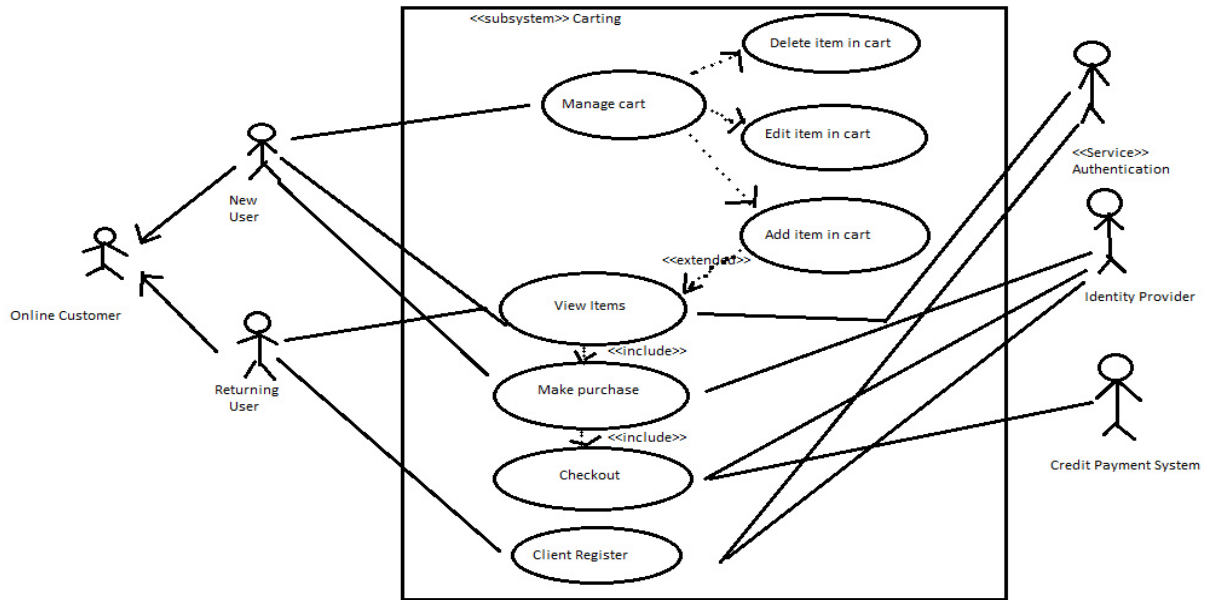


Fig: Use case diagram of carting system

Conclusion

Now-a-days, people are too busy with their fixed scheduled life. When they got suddenly a posting letter from their office, it become very difficult for them to pack their household goods in that short time & shift in a new place. Again to organize those packing materials & contact with labors & transport providers from different source also make their work more difficult. So, this is our little try to keep all those things under one roof. We think our website will be helpful for those people and will make their life easier.

Difficulties faced doing this project

As we upload our project in free webhost, there is a limitation of uploading php file in a free webhost account. We have done a huge work in our cart system. Therefore, while uploading php file suddenly one of our account has been disabled by the authority.

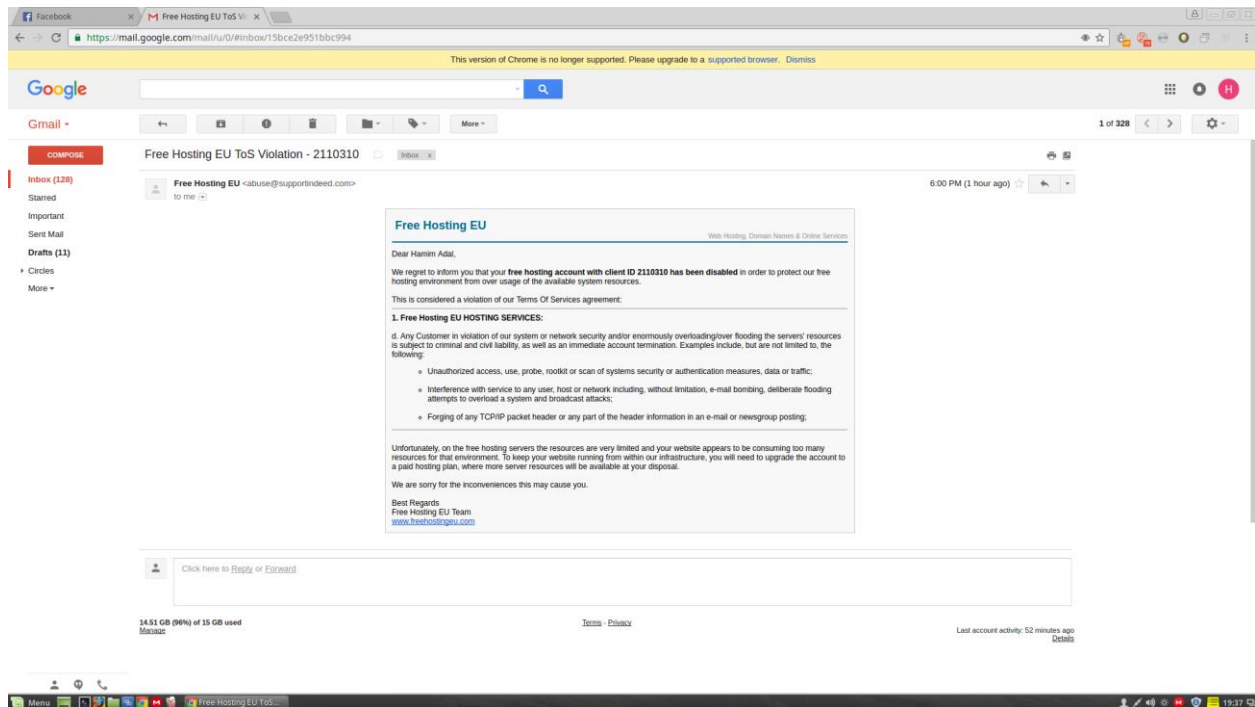


Fig: Message from free web host

Future Work

We are very hopeful that in near future we will develop the following services in our website.

- Provide Pet relocation services
- Provide Plant relocation services
- Sell old & unwanted furnitures

References

- www.w3schools.com
- www.crownworldwidemovers.com
- www.balajipackers.in
- <http://agarwaldrpcpackers.top/>
- www.skywingpackers.com