

Programming on The Web Project

Transmicro Shipping Company

Presented to:

Dr\ Ahmed Seif

Presented by:

Youssef Hisham

Ziad Mohamed

Reham Mohsen

Mai Elaraby

Erini Sabry

Introduction to the project:

This project is about a full **shipping** company website which is a designated person or agency held responsible for handling shipments and the general interests of its customers.

which will perform the following operations:

1. Sign up and creating a new account
2. Login into existing account
3. Shipping services which include (BTB, BTC, CTC)
4. Getting information about your requested service.

The project is built using HTML, CSS, JavaScript, AJAX, PHP and database.

HTML

Hypertext Markup Language (**HTML**) is the standard markup language for documents designed to be displayed in a web browser and describes the structure of a Web page.

CSS (Cascading Style Sheets)

CSS describes how HTML elements are to be displayed on screen, paper, or in other media

saves a lot of work. It can control the layout of multiple web pages all at once.

JavaScript

JavaScript is a scripting or programming language that allows you to implement complex features on web pages.

PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

It is used for the database connection.

Database table is where all the data in a database is stored, and without tables, there would not be much use for relational databases it is mostly created using SQL.

SQL stands for Structured Query Language lets you access and manipulate databases.

The Query: is used to extract data from the database. If you need to select/fetch or insert data from database, then you need to write a query.

AJAX (**A**synchronous **J**avaScript **A**nd **X**ML.)

AJAX is not a programming language. It is a technique for accessing web servers from a web page.

It just uses a combination of:

A browser built-in XMLHttpRequest object
(to request data from a web server)

JavaScript and HTML DOM (to display or use
the data).

Brief description of the code:

The code includes 11 main pages:

- Welcome page.
- Sign up page.
- Log in page.
- Menu page.
- CTC page.
- BTB page.
- BTC page.
- Info page.
- Info CTC page.
- Terms of use page.
- Privacy Policy page.

In addition to PHP (database) pages which connects to the database.

And the CSS external file which contains the CSS of the whole web site.

Detailed description of the project:

1. The welcome page:

It displays a brief introduction to the company, shipping fees, contacting information and a menu bar which includes (home, services, contact, about us) which displays a new popup page describing the pressed button.

There are two buttons sign up and log in.

If it is a new user then they are required to sign up and create a new account.

An existing user will be able to log in using their signed up email address and password.

2- The sign up page:

It is for the new users who wants to request a service.

It asks the user to enter their information such as (first name, last name, email address, password, phone number, alternative phone number, addressing information) and to accept the terms of use and the privacy policy which are hyperlinks.

The entered information gets saved in the database tables so the user can use them again in the log in page.

3- The log in page:

The page right after the signup it is where an existing user enter their email address and password (which are saved in the database) to log into their account to request a service.

4- The menu page:

It contains the AJAX which is similar to a search bar which displays the information of each service when you write its name.

5- The CTC page:

Customer to customer, or C2C, is the business model that facilitates commerce between private individuals

It is asks the user to enter (their name, receiver's name, personal phone number, receiver's phone number, email address, addressing information of the sender, and the receiver and the delivery option)

And it displays the shipping information and the time it will take to deliver the shipment to the destination.

6- BTB:

Business-to-business (B2B), also called B-to-B, is a form of transaction between businesses

It is asks the user to enter their (name, email address, phone number, shipment content, addressing information, and the delivery option)

And it displays the shipping information and the time it will take to deliver the shipment to the destination.

7- BTC:

The term business-to-consumer (B2C) refers to the process of shipping products and services directly between a business and customers.

It is asks the user to enter their (name, email address, phone number, shipment content, addressing information, and the delivery option)

And it displays the shipping information and the time it will take to deliver the shipment to the destination.

8- Info:

Retrieving the shipment information such as (shipment no, order date, delivery date, shipment information and the address).

9- Info CTC:

Retrieving the shipment information such as (shipment no, order date, delivery date, shipment information and the address of the receiver and sender).

10- Terms of use:

Defines the rules by which an individual agrees to use a service. These are often called Terms of Use or Terms and Conditions. Although not always required by law, they are typically legally binding agreements that certainly help protect your organization and users.

That the user has to agree on it to complete the sign up process.

11- Privacy Policy:

Discloses the type of data you collect along with how it is stored and managed. This is a policy every arts organization should have.

That the user has to agree on it to complete the sign up process.

CSS External Sheet:

External style sheets are created in separate documents with a .css extension. An external style sheet is simply a listing of CSS rules. It cannot contain HTML tags. The `<link>` tag, which goes in the head of an HTML page, is used to link to an external style sheet. There is no limit to the number of external style sheets a single HTML page can use. Also,

external style sheets can be combined with embedded style sheets. Follow these steps to create an external style sheet.

It contains the CSS (styling) of the whole web site.