

Technical Manual

College LaSalle

Project - P55 - Internet Programming I Technical Manual

Presented to: Mihai Maftai

Author: Aga Arafat Hossain Chowdhury (1632663)
4/20/2017

PROJECT DESCRIPTION

"MyAuto" is not only a website it is a platform based on car dealer where you can find different types of cars of different modern brand existing in the world. It is real life web project where the user will get the real test of a website. In this site a user can access the page, see all products and can explore the product as well as build the car using special tools. The user can order a car and services by online and check that order in his personal account. To develop these types of dynamic site I have used four different type of web programming language. I have used some browser based technology like cookie to make this project more realistic and user friendly. To create different tools for building a car according to client requirement I have used JavaScript. To give the website more dynamic and stylish I have used the popular JavaScript library called JQuery. For this course purpose I have used temporary storage like array and variables to store information of this project. During developing this project I have tried to use all functions of internet programming which was taught by the teacher in this class. And this project helped me to understand the basic knowledge of internet programming language.

This project consists of two different types of user platform. One is for public user where every user can access this page named "index.html", and the other platform is private user platform named "user_page.html". The private user platform is made for registered user only.

The public user page "index.html" is a single page project has different block to show information in this site. The block for home page is called "wrapper". It contains header, home block, product exhibition block, search information block, services block, contact and footer. This page load when the page is opened. The other blocks are "window" and "product_wrapper". "window" block contains different window for client login, registration, car building, proceed item and display cash. And the "product_wrapper" is for display individual product information and photo. All block is controlled by JavaScript event.

The private user page "user_page.html" is also a single page application has different page of information. Only registered user can access this page. Without permission it is not possible to enter in this page. User ID and password is the method of take permission. This page also consist of heard , menu bar and body. The body have five block page are controlled by JavaScript event.

Language I have used in this project:

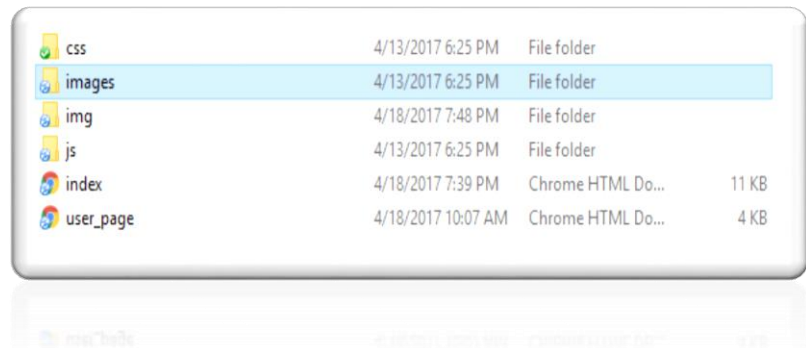
- HTML and CSS
- JavaScript
- JQuery

Tools I have used in this project:

- NotePad ++ to write these language
- Paint to modify image
- Chrome and Mozilla Firefox to see the project and debug the project

Presenting how the files/folders are organised.

1. css
2. images
 - a. cars
 - b. services
 - c. logos
3. img
4. js
5. index.html
6. user_page.html



Present the functions and/or methods that you create or did use in the web project.

Public User Page “index.html”

Function/Method	Description
1. intiMainPage()	To load home page information or content. This function is used in body tag as onload event.
2. productDisplay()	To display all products in product block. This function called by initMainPage() function.
3. carFilter(index)	To display specific brand cars in product block of the page.
4. addService(sid)	To add service in order list of user account. This function append the service ID in 'service' cookie
5. validUser()	To check user ID and password with user and password array. It return true or false according to status.
6. validForm()	To check all field in this form.
7. logout()	To delete all cookies and back to home page.
8. buildCar(i)	To open new build car and display specific car information and parameters in this window. Where i is a index of carMondel array
9. changePara(pid)	To reset every button and hide cost summary button. If any parameter changed the 'Cost Summary' button will hide.

10. proceedItem(pid)	To proceed selected item to cost summary window.
11. payCash(tprice)	To display total bill in cash and open the display cash window.
12. addOrder(pid, tid)	To add items in order list of user account and open user_page.html or login window.
13. exploreCar(i)	To display individual model of car in a single page and collect all information from array to display on this page.
14. closeWindow()	This is simple function to close opened window.
15. displayInfo()	To display brand information which is typed in text box or clicked on imagemap.
16. setKey()	This function take the name key and display in text box of search area.

Private User Page “user_page.html”

Function/Method	Description
1. intUserPage()	To load user_page.html information or content. This function is used in body tag as onload event.
2. entryPage()	To provide extra security. If username cookie is empty or undefined it does not open the user_page.html
3. logoutPage()	To delete all cookies from the browser
4. displayDeshboard()	To display dashboard by clicking on dashboard
5. displayUserSummary()	To display user short summary on dashboard.
6. displayCarSummary()	To display car and services summary on dashboard
7. displayUserProfile()	To display user information by click on My Profile
8. displayUserCar()	To display car information by click on My Car

9. displayUserOrder()	To display order summary by click on My Order
10. dispalyDate()	To display today's date on header.
11. setCookie(cname, cvalue, exdays)	To set cookies and define key, value and expire date.
12. getCookie(cname)	To get cookie by using key
13. checkCookie()	To check cookie.