Food Destiny

ZixiaoShan, Junfei Ma

Food Destiny	Zixiao Shan Junfei Ma
	Date : 2018/11/1

Table Of Contents

Food Destiny			Zixiao Shan Junfei Ma
			Date : 2018/11/1

Time Log			
Estimated time to complete assignment =>			72 Hours
Date	Time Spent (in hours)	Description	Author
10/29/1018	1	Come up ideas for websites	Zixiao Shan Junfei Ma
11/2/2018	1	Start build the basic frame for website, search necessary parts and examples for website (payment, Api, etc).	Zixiao Shan Junfei Ma
11/09/1018	1	Confirmed our final project will be a chinses product shopping website.	Zixiao Shan Junfei Ma
11/10/2018	2.5	Build the tables in the phpMyAdmin. Have plans on our next steps of creating web pages.	Zixiao Shan Junfei Ma
11/15/2018	2	Add info page for user to update/create new info, add search page for display result for search.	Zixiao Shan Junfei Ma
11/16/2018	2.5	Add slider, use image name from database to display latest product.	Zixiao Shan Junfei Ma
11/17/2018	3	Add product page, allow user to add product into their cart and store cart into database.	Zixiao Shan
11/18/2018	3	Display the selected good's information and a form for select quantity and add to cart.	Zixiao Shan
11/19/2018	2	Finish goods.php with CSS.	Zixiao Shan
11/20/2018	3	Add cart page, add pmk for cart in database. Display information from the	Zixiao Shan

		Food Destiny		Zixiao Shan Junfei Ma
				Date : 2018/11/1

		cart with selected user.	
11/26/2018	4	Rewrite login method to make our website more real, removed UVM login validation.	Zixiao Shan
11/29/2018	5	Abandon database using in cart function, storing all cart info into $_SESSION['cart'], since user cannot add anything into cart if they do not log in.	Zixiao Shan
11/30/2018	3	Add image and product information into database.	Junfei Ma
12/2/2018	3	Add image and product information into database.	Junfei Ma
12/2/2018	6	Add paypal checkout api, store final car info in $_SESSION.	Zixiao Shan
12/3/2018	5	Add usercenter to display edit info and logout link	Zixiao Shan
12/5/2018	2	CSS changes	Zixiao Shan
12/6/2018	4	Fix bugs to pass validations	Zixiao Shan Junfei Ma
	59	<=Total Time Spent	

Food Destiny	Zixiao Shan Junfei Ma
	Date : 2018/11/1

Introduction

Purpose

The purpose of this document is to describe the requirement specification for the website "Food Destiny".

The intended audience for this document is all those people who love Asian food like snacks, drinks, and instant noodles.

Definitions, acronyms, and abbreviations

Sample for the client:

ER Diagram – a diagram to represent the data you want to save with your system

W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:

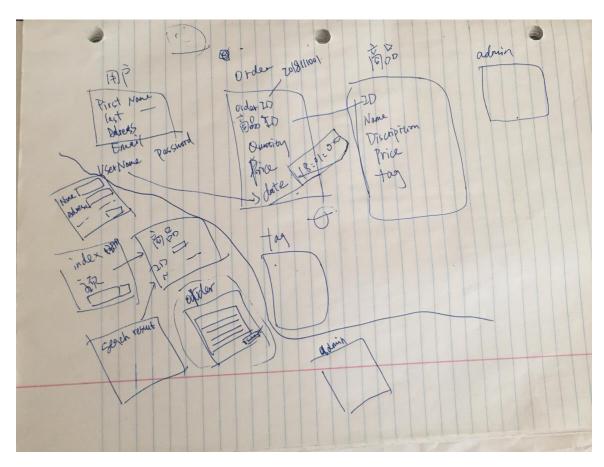http://validator.w3.org/

with the CSS validator located at:

http://jigsaw.w3.org/css-validator/

Overall Description

This is a website that selling snacks. There are two types of users, one is customers, and another is admin. Customers can buy product while admin can add/edit/delete products. There are three tables Many-to-Many relationship: Customer Table, Order Table, and Goods Table. Paypal checkout Api is being used in this project to help complete a shopping process and maintain security.

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	Date : 2018/11/1

Story Board

Data Dictionary

tblAdmins

Column	Type	Null	Default	Links to	Comments
pmkAdmin *(Primary)*	varchar(20)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkAdmin	1	A	No	

tblCata

Column	Type	Null	Default	Links to	Comments
pmkCata *(Primary)*	int(11)	No			
fldCata	varchar(30)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkCata	6	A	No	
pmkCata	BTREE	No	No	pmkCata	6	A	No	

tblCountry

Column	Type	Null	Default	Links to	Comments
pmkCountryID *(Primary)*	int(11)	No			
fnkCountryName	varchar(20)	No			
fnkCountryCode	varchar(10)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkCountryID	6	A	No	

tblCustomerAddresses

Column	Type	Null	Default	Links to	Comments
pfkUserName *(Primary)*	varchar(20)	No		tblUsers -> pmkUserName	

fldFirstName	varchar(20)	No			
fldLastName	varchar(20)	No			
fldPhoneNumber	varchar(13)	No			
fldEmail	varchar(30)	No			
fldAddress	varchar(100)	No			
fldCity	varchar(20)	No			
fldState	varchar(20)	No			
fldCountry	varchar(20)	No			
fldZipNumber	varchar(16)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pfkUserName	3	A	No	
pfkUserName	BTREE	No	No	pfkUserName	3	A	No	

tblOrderDetails

Column	Type	Null	Default	Links to	Comments
pmkNumber *(Primary)*	int(11)	No			
pfkUserName	varchar(20)	No		tblUsers -> pmkUserName	
pfkOrderID	varchar(100)	No		tblOrders -> pmkOrderID	
pfkProductID	int(20)	No		tblProducts -> pmkProductID	
fldQuantity	int(5)	No			
fldPrice	decimal(10,0)	No			
fldDate	datetime	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkNumber	7	A	No	
pfkUserName	BTREE	No	No	pfkUserName	7	A	No	
pfkProductID	BTREE	No	No	pfkProductID	7	A	No	
pfkOrderID	BTREE	No	No	pfkOrderID	7	A	No	

tblOrders

Column	Type	Null	Default	Links to	Comments

pmkOrderID *(Primary)*	varchar(100)	No			
fldPaymentID	varchar(100)	No			
fldTotalPay	decimal(65,0)	No			
fldPaymentStatus	varchar(10)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkOrderID	3	A	No	

tblProducts

Column	Type	Null	Default	Links to	Comments
pmkProductID *(Primary)*	int(20)	No			
fldProductName	varchar(400)	No			
fldProductImage	varchar(80)	No			
fldProductPrice	decimal(10,1)	No			
fldDescription	text	No			
pfkCata	int(11)	No		tblCata -> pmkCata	
pfkActive	int(11)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkProductID	180	A	No	
pfkCata	BTREE	No	No	pfkCata	10	A	No	

tblProductTags

Column	Type	Null	Default	Links to	Comments
pfkProductID *(Primary)*	int(20)	No		tblProducts -> pmkProductID	
pfkTag *(Primary)*	varchar(20)	No		tblTags -> pmkTag	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pfkProductID	6	A	No	
				pfkTag	6	A	No	

pfkTag	BTREE	No	No	pfkTag	6	A	No	

tblTags

Column	Type	Null	Default	Links to	Comments
pmkTag *(Primary)*	varchar(20)	No			
fldDefaultValue	int(11)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkTag	2	A	No	

tblUsers

Column	Type	Null	Default	Links to	Comments
pmkUserId	int(10)	No			
pmkUserName *(Primary)*	varchar(20)	No			
fldPassword	varchar(20)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkUserName	6	A	No	
pmkUserId	BTREE	No	No	pmkUserId	6	A	No	

ER- Diagram

Order
pmkOrderID
fldPaymentID
fldTotalPay
fldPaymentStatus

Userinfo
pmkUserName
fldPassword

User
pmkUserName

Order Detail
pfkUserName
pfkOrderID
pfkProductId
fldQuantity
fldPrice
fldDate

Product
pmkProductId
fldProductImage
fldProductPrice
fldProductDescription
pfkCata

category
pmkCata
fldCata

Admin
pmkAdmin

UserAddress
pfkUserName
FldFirstName
FldLastName
FldPhoneNumber
FldEmail
address

Tags
pmkTag

Product Tags
pfkProductId
pfkTag

Schema

ZSHAN_final tblOrderDetails
- pmkNumber : int(11)
- pfkUserName : varchar(20)
- pfkOrderID : varchar(100)
- pfkProductID : int(20)
- fldQuantity : int(5)
- fldPrice : decimal(10,0)
- fldDate : datetime

ZSHAN_final tblAdmins
- pmkAdmin : varchar(20)

ZSHAN_final tblCata
- pmkCata : int(11)
- fldCata : varchar(30)

ZSHAN_final tblOrders
- pmkOrderID : varchar(100)
- fldPaymentID : varchar(100)
- fldTotalPay : decimal(65,0)
- fldPaymentStatus : varchar(10)

ZSHAN_final tblCountry
- pmkCountryID : int(11)
- fnkCountryName : varchar(20)
- fnkCountryCode : varchar(10)

ZSHAN_final tblTags
- pmkTag : varchar(20)
- fldDefaultValue : int(11)

ZSHAN_final tblUsers
- pmkUserId : int(10)
- pmkUserName : varchar(20)
- fldPassword : varchar(20)

ZSHAN_final tblProductTags
- pfkProductID : int(20)
- pfkTag : varchar(20)

ZSHAN_final tblProducts
- pmkProductID : int(20)
- fldProductName : varchar(400)
- fldProductImage : varchar(80)
- fldProductPrice : decimal(10,1)
- fldDescription : text
- pfkCata : int(11)
- pfkActive : int(11)

ZSHAN_final tblCustomerAddresses
- pfkUserName : varchar(20)
- fldFirstName : varchar(20)
- fldLastName : varchar(20)
- fldPhoneNumber : varchar(13)
- fldEmail : varchar(30)
- fldAddress : varchar(100)
- fldCity : varchar(20)
- fldState : varchar(20)
- fldCountry : varchar(20)
- fldZipNumber : varchar(16)

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Specific requirements

1. *Title for main page*: *Food Destiny*
2. *Meta Description*: *Official website for Food Destiny, for those who love Asian snacks, drinks and candies.*
3. *Meta Character set*: UTF - 8
4. *Logo*: *The logo has the image of a chief with delicious food and the content of our title "Food Destiny"*
5. *Main page*: *The main page will display the seven product image we just added to our database. Users are able to view our latest product in our main page.*
6. *Content can be found here*: https://zshan.w3.uvm.edu/cs148/live-final/index.php
7. *Product: Have a page to display product name, image, price, introduction and a form that user can type in amount and submit it.*
8. cart: *Cart can display the cart content and give user a choice to edit amount and delete the product the choose.*
9. checkout: *Checkout API will allow user to checkout and save info to database after checkout successful.*
10. Admin-list: *Allow admin look up product they want to change.*
11. Product-edit-form: *Allow admin edit/add product information.*