
CS 148

Sam Colburn

Assignment 10: Final Project

Assignment 10

Version <1.0>

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	Date : 12/2014

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Time Log			
Estimated time to complete assignment =>			100 Hours
Date	Time Spent (in hours)	Description	Author
11/20	20	Imported Software from Previous Assignments	Sam Colburn
11/28	2	User Account Form	Sam Colburn
11/29	3	User Profile Form	Sam Colburn
12/1	4	User Page and List	Sam Colburn
12/2	4	User Login and Admin system	Sam Colburn
12/3	3	Product submission and edit form	Sam Colburn
12/6	2	Product Page and List	Sam Colburn
12/7	2	Category List and Update/Edit Form	Sam Colburn
12/7	4	Delete Form	Sam Colburn
12/7	10	Misc.	Sam Colburn
	64	<=Total Time Spent	

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Introduction

Purpose

The purpose of this document is to describe the requirement specification for the web site "Assignment 10".

The intended audience for this document is: Karol Zieba, Robert Erickson

First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:

1. *Client gets a very good understanding of what you will be delivering.*
2. *Developer has a very good understanding of what they are going to create.*

Definitions, acronyms, and abbreviations

Sample for the client:

HTML – Hypertext markup language – used to define your content.

PHP – Personal Home Page – language that helps to customize html.

CSS – Cascading Style Sheets – used to define the look of a web site.

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 site is a product display website.

Users can register and have a user profile. Profiles can be edited and deleted by the user or a site admin.

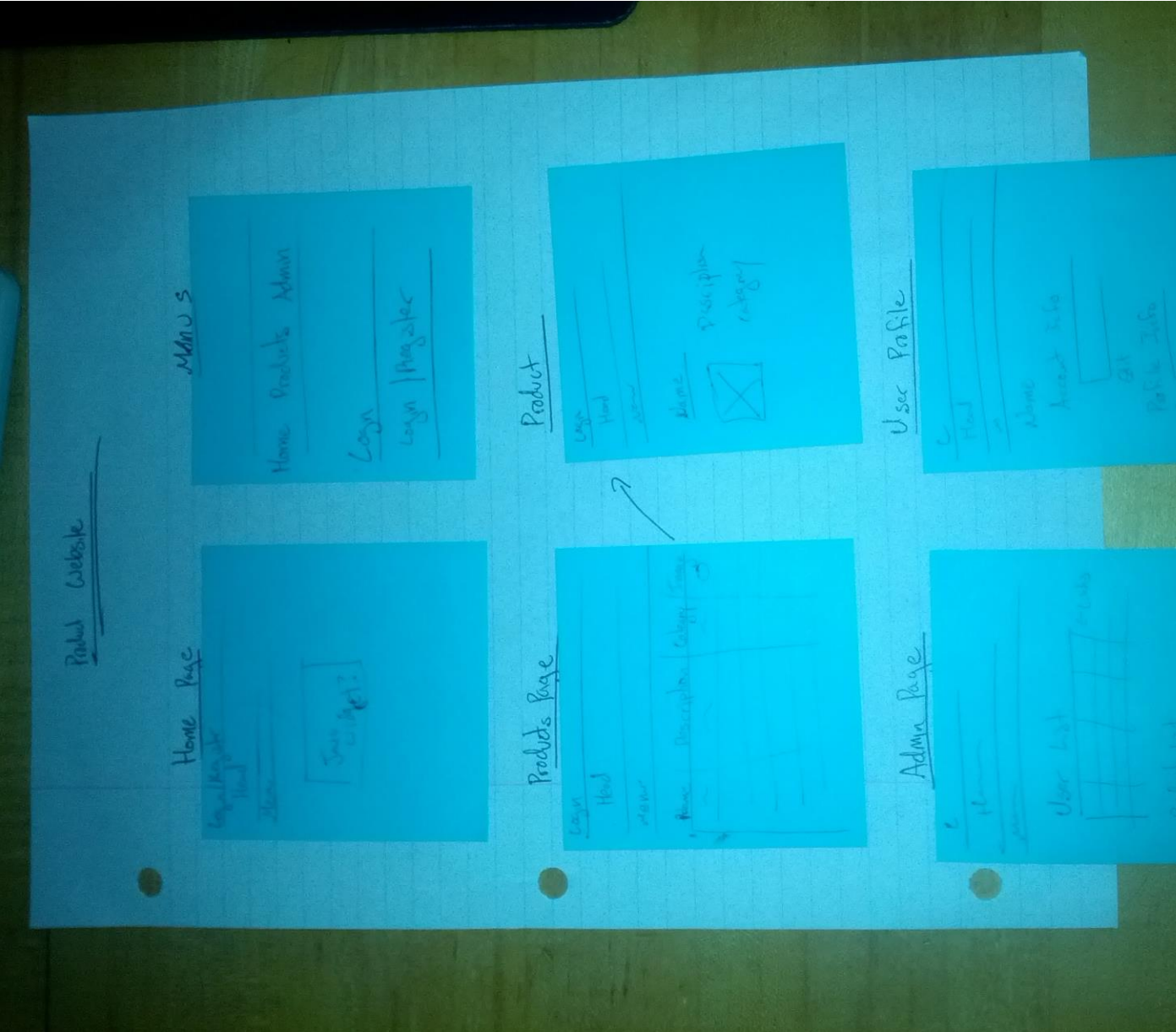
Products can be added, edited and deleted by site admins. A list of products and a page for each product can be seen by guests or users. Users can comment on individual products.

Product categories can be added, edited, or deleted by site admins.

Admin privileges can be given to individual users by current admins.

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Story Board



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Specific requirements

1. *You fill out* – This is where you would put the exact detail of what you want for the project. For example:
2. *Title for main page:* *Assignment 10*
3. *Meta Description:* *what is the description for the above link.*
4. *Meta Character set:* UTF - 8
5. *Content can be found here:*
<https://smcolbur.w3.uvm.edu/cs148/assignment10>
6. User Form: Users can register with an account. When they register they can fill out an optional profile they can add later. When they register they are emailed a confirmation. Users can view, edit, and delete their account and profile at any time by logging in.
7. Products can be viewed as a list and as individual products. All products can be commented by users.
8. Administrators can view, edit, and delete products, product categories, and other users. They can also upgrade other users to admin, or downgrade them.

Data Dictionary

tblCategories

Column	Type	Null	Default	Comments	MIME
pmkCategoryID	int(11)	No			
fldCategoryName	varchar(65)	Yes	NULL		

Indexes

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

tblComments

Column	Type	Null	Default	Comments	MIME
fnkUserID	int(11)	No			
fnkProductID	int(11)	No			

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fldText	varchar(250)	Yes	NULL		
fldRating	tinyint(5)	Yes	NULL		
fldDateSubmitted	timestamp	No	CURRENT_TIMESTAMP		

Indexes

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

tblProducts

Column	Type	Null	Default	Comments	MIME
pmkProductID	int(11)	No			
fldProductName	varchar(65)	Yes	NULL		
fldDescription	varchar(500)	Yes	NULL		
fldDateSubmitted	timestamp	Yes	CURRENT_TIMESTAMP		
fnkCategoryID	int(11)	No			
fldImage	blob	Yes	NULL		
fldPrice	decimal(11,2)	No			

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkProductID	8	A	No	

tblProfile

Column	Type	Null	Default	Comments	MIME
fnkUserId	int(11)	No			
fldFirstName	varchar(65)	Yes	NULL		
fldLastName	varchar(15)	Yes	NULL		
fldAboutMe	varchar(200)	Yes	NULL		

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fldProfilePicture	timestamp	No	CURRENT_TIMESTAMP		
fldGender	varchar(10)	Yes	NULL		
fldAge	varchar(10)	Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	fnkUserId	9	A	No	

tblUsers

Column	Type	Null	Default	Comments	MIME
pmkUserId	int(11)	No			
fldEmail	varchar(65)	Yes	NULL		
fldUsername	varchar(15)	Yes	NULL		
fldPassword	varchar(15)	Yes	NULL		
fldDateJoined	timestamp	No	CURRENT_TIMESTAMP		
fldPermissionLevel	tinyint(5)	No	0		
fldPostCount	int(10)	No	0		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	pmkUserId	7	A	No	

Entity Relationship Diagram

See assignment 10 folder for pdf.

Schema

See schema.php in assignment 10 for schema.