

VCommerce Web-Site Development

ICS 691 Presentation
4 February 2000

Contact Information & Office Hours

mette@hawaii.edu

Office Hours: MW 4:30pm - 6:00pm

Where: POST 307

Today's Topics

- ☐ Refresh from last time
 - ☞ FTP to your web directory on ALICIA
 - ☞ Required include statements
 - ☞ Required Form Code
 - ☞ Adding your banner image
 - ☞ HTML vs ASP Scripts
- ☐ How to connect to a database with ASP
 - ☞ Create and Upload
 - ☞ ODBC and DSN
 - ☞ Connect script
- ☐ How to retrieve and use data in a database
 - ☞ Pizza restaurant listing example
- ☐ How to store information in a database
 - ☞ Edit pizza restaurant data example

FTP to your web directory on ALICIA

- FTP Address: alicia.ics.hawaii.edu
- User name: your group's letter (e.g. A)
- Your "root" directory is your web directory folder:
`http://alicia.ics.hawaii.edu/groupLetter`
(e.g. `http://alicia.ics.hawaii.edu/A`)
- A subdirectory pizza contains Pizza Portal files
- `default.asp` is the default page that loads automatically in all directories.

Required include statements

- First line of file:
`<!--#INCLUDE FILE="..include/include.asp" -->`
- Between <HEAD></HEAD> tags:
`<!--#INCLUDE FILE="..include/frame_script.html" -->`
- Note: If your file is located in a subdirectory of your root directory add `".."` in the file path to access the include.asp file.

Required Form Code

```
<form action="purchase.asp" method=post>
  <input type=hidden name="id" value "numberA">
  <input type=hidden name="price" value "numberB">
  ...
</form>
```

numberA is the ID number that will be assigned each of your items.

numberB is the unit price of the item you are selling.

Adding your banner image

- You should have a subdirectory named **images** (e.g. A/images)
- Name: banner.jpg or banner.gif
Note: banner.jpg has first priority, so if you want to use banner.gif, you should not have a banner.jpg file in your directory.
- Width: 180 pixels
- Height: max 50 pixels

HTML vs ASP Scripts

- **HTML**
 - Client side scripts
 - Interpreted by your browser
 - HTML tags like `Aloha!`
 - Name-Value pairs `<input name="id" value="333">`
- **ASP**
 - Server side scripts
 - Run on web-server
 - Generates client side scripts
 - Distinguished by `<% %>` tags
 - Understands VBScript, JavaScript and Perl
 - How to write a string to a page:
`<%= "Aloha!" %>`
`<% Response.Write "Aloha!" %>`

How to connect to a database with ASP

- Create an Access97 database and upload it to your directory
- Data Source Name (DSN) setup



How to connect to a database with ASP



How to connect to a database with ASP



How to connect to a database with ASP



How to connect to a database with ASP



How to connect to a database with ASP



How to connect to a database with ASP

- Write a connect script in ASP page using your DSN
- Example:


```
<%
'create database connection object
Set dbConn = Server.CreateObject("ADODB.Connection")

'open the vcommerce database
dbConn.Open "pizzaportal"
%>
```

How to retrieve and use data in a database

- Create a recordset by executing a SQL Query
- Example:
 - Step 1: Take a look at the database tables.



Database Table: Store
(Datasheet View)

store_id	store_name	store_address	store_city	store_state	store_zip	store_phone	store_fac
1	Domino's	2444444	Honolulu	HI	96812	808-555-1212	
2	Domino's	2555555	Honolulu	HI	96813	808-555-1213	
3	Domino's	2666666	Honolulu	HI	96814	808-555-1214	
4	Domino's	2777777	Honolulu	HI	96815	808-555-1215	
5	Domino's	2888888	Honolulu	HI	96816	808-555-1216	
6	Domino's	2999999	Honolulu	HI	96817	808-555-1217	
7	Domino's	3000000	Honolulu	HI	96818	808-555-1218	
8	Domino's	3111111	Honolulu	HI	96819	808-555-1219	
9	Domino's	3222222	Honolulu	HI	96820	808-555-1220	
10	Domino's	3333333	Honolulu	HI	96821	808-555-1221	
11	Domino's	3444444	Honolulu	HI	96822	808-555-1222	
12	Domino's	3555555	Honolulu	HI	96823	808-555-1223	
13	Domino's	3666666	Honolulu	HI	96824	808-555-1224	
14	Domino's	3777777	Honolulu	HI	96825	808-555-1225	
15	Domino's	3888888	Honolulu	HI	96826	808-555-1226	
16	Domino's	3999999	Honolulu	HI	96827	808-555-1227	
17	Domino's	4000000	Honolulu	HI	96828	808-555-1228	
18	Domino's	4111111	Honolulu	HI	96829	808-555-1229	
19	Domino's	4222222	Honolulu	HI	96830	808-555-1230	
20	Domino's	4333333	Honolulu	HI	96831	808-555-1231	
21	Domino's	4444444	Honolulu	HI	96832	808-555-1232	
22	Domino's	4555555	Honolulu	HI	96833	808-555-1233	
23	Domino's	4666666	Honolulu	HI	96834	808-555-1234	
24	Domino's	4777777	Honolulu	HI	96835	808-555-1235	
25	Domino's	4888888	Honolulu	HI	96836	808-555-1236	
26	Domino's	4999999	Honolulu	HI	96837	808-555-1237	
27	Domino's	5000000	Honolulu	HI	96838	808-555-1238	
28	Domino's	5111111	Honolulu	HI	96839	808-555-1239	
29	Domino's	5222222	Honolulu	HI	96840	808-555-1240	
30	Domino's	5333333	Honolulu	HI	96841	808-555-1241	
31	Domino's	5444444	Honolulu	HI	96842	808-555-1242	
32	Domino's	5555555	Honolulu	HI	96843	808-555-1243	
33	Domino's	5666666	Honolulu	HI	96844	808-555-1244	
34	Domino's	5777777	Honolulu	HI	96845	808-555-1245	
35	Domino's	5888888	Honolulu	HI	96846	808-555-1246	
36	Domino's	5999999	Honolulu	HI	96847	808-555-1247	
37	Domino's	6000000	Honolulu	HI	96848	808-555-1248	
38	Domino's	6111111	Honolulu	HI	96849	808-555-1249	
39	Domino's	6222222	Honolulu	HI	96850	808-555-1250	
40	Domino's	6333333	Honolulu	HI	96851	808-555-1251	
41	Domino's	6444444	Honolulu	HI	96852	808-555-1252	
42	Domino's	6555555	Honolulu	HI	96853	808-555-1253	
43	Domino's	6666666	Honolulu	HI	96854	808-555-1254	
44	Domino's	6777777	Honolulu	HI	96855	808-555-1255	
45	Domino's	6888888	Honolulu	HI	96856	808-555-1256	
46	Domino's	6999999	Honolulu	HI	96857	808-555-1257	
47	Domino's	7000000	Honolulu	HI	96858	808-555-1258	
48	Domino's	7111111	Honolulu	HI	96859	808-555-1259	
49	Domino's	7222222	Honolulu	HI	96860	808-555-1260	
50	Domino's	7333333	Honolulu	HI	96861	808-555-1261	
51	Domino's	7444444	Honolulu	HI	96862	808-555-1262	
52	Domino's	7555555	Honolulu	HI	96863	808-555-1263	
53	Domino's	7666666	Honolulu	HI	96864	808-555-1264	
54	Domino's	7777777	Honolulu	HI	96865	808-555-1265	
55	Domino's	7888888	Honolulu	HI	96866	808-555-1266	
56	Domino's	7999999	Honolulu	HI	96867	808-555-1267	
57	Domino's	8000000	Honolulu	HI	96868	808-555-1268	
58	Domino's	8111111	Honolulu	HI	96869	808-555-1269	
59	Domino's	8222222	Honolulu	HI	96870	808-555-1270	
60	Domino's	8333333	Honolulu	HI	96871	808-555-1271	
61	Domino's	8444444	Honolulu	HI	96872	808-555-1272	
62	Domino's	8555555	Honolulu	HI	96873	808-555-1273	
63	Domino's	8666666	Honolulu	HI	96874	808-555-1274	
64	Domino's	8777777	Honolulu	HI	96875	808-555-1275	
65	Domino's	8888888	Honolulu	HI	96876	808-555-1276	
66	Domino's	8999999	Honolulu	HI	96877	808-555-1277	
67	Domino's	9000000	Honolulu	HI	96878	808-555-1278	
68	Domino's	9111111	Honolulu	HI	96879	808-555-1279	
69	Domino's	9222222	Honolulu	HI	96880	808-555-1280	
70	Domino's	9333333	Honolulu	HI	96881	808-555-1281	
71	Domino's	9444444	Honolulu	HI	96882	808-555-1282	
72	Domino's	9555555	Honolulu	HI	96883	808-555-1283	
73	Domino's	9666666	Honolulu	HI	96884	808-555-1284	
74	Domino's	9777777	Honolulu	HI	96885	808-555-1285	
75	Domino's	9888888	Honolulu	HI	96886	808-555-1286	
76	Domino's	9999999	Honolulu	HI	96887	808-555-1287	
77	Domino's	0000000	Honolulu	HI	96888	808-555-1288	
78	Domino's	0111111	Honolulu	HI	96889	808-555-1289	
79	Domino's	0222222	Honolulu	HI	96890	808-555-1290	
80	Domino's	0333333	Honolulu	HI	96891	808-555-1291	
81	Domino's	0444444	Honolulu	HI	96892	808-555-1292	
82	Domino's	0555555	Honolulu	HI	96893	808-555-1293	
83	Domino's	0666666	Honolulu	HI	96894	808-555-1294	
84	Domino's	0777777	Honolulu	HI	96895	808-555-1295	
85	Domino's	0888888	Honolulu	HI	96896	808-555-1296	
86	Domino's	0999999	Honolulu	HI	96897	808-555-1297	
87	Domino's	1000000	Honolulu	HI	96898	808-555-1298	
88	Domino's	1111111	Honolulu	HI	96899	808-555-1299	
89	Domino's	1222222	Honolulu	HI	96900	808-555-1300	
90	Domino's	1333333	Honolulu	HI	96901	808-555-1301	
91	Domino's	1444444	Honolulu	HI	96902	808-555-1302	
92	Domino's	1555555	Honolulu	HI	96903	808-555-1303	
93	Domino's	1666666	Honolulu	HI	96904	808-555-1304	
94	Domino's	1777777	Honolulu	HI	96905	808-555-1305	
95	Domino's	1888888	Honolulu	HI	96906	808-555-1306	
96	Domino's	1999999	Honolulu	HI	96907	808-555-1307	
97	Domino's	2000000	Honolulu	HI	96908	808-555-1308	
98	Domino's	2111111	Honolulu	HI	96909	808-555-1309	
99	Domino's	2222222	Honolulu	HI	96910	808-555-1310	
100	Domino's	2333333	Honolulu	HI	96911	808-555-1311	

Demo

<http://alicia.ics.hawaii.edu/demo>

listing.asp
edit.asp
edit_submit.asp

The End

This presentation is located at:

<http://alicia.ics.hawaii.edu/docs>