

C&B HOMES

FINAL REPORT

CLARK COLLINS AND NICK BAUER

ITC 250: WEB SYSTEMS

PROJECT SUMMARY

- This is a website that encompasses everything you need to schedule and contact our home inspection company.
- This website houses videos with do-it-yourself information to help homeowners maintain their home.
- The website also allows users to create their own account.

OVERVIEW

- Home Page
- User Database
- Sign in Page/ Login Page
- How-To Video Page
- Business Information Page

- Blog/Forum Page
- Form Page
- Account Page
- BLOB Database for Images
- Vector Image(s)

PROJECT SCOPE

- Website Requirements
 - Design Website
 - Build Website
 - Code the logic of the website
 - Design and build the database
- Testing
 - Register an account
 - Login to account, log out of account
 - Test video playback

SECTIONS IN DEVELOPMENT

- Search Box
- Parallax/Vector Imagery
- CSS file for Video preview page
- JavaScript Form Page for error checking/confirmation
- BLOB Database and INI file is in progress, working on uploading images
- Voter counting page is in progress

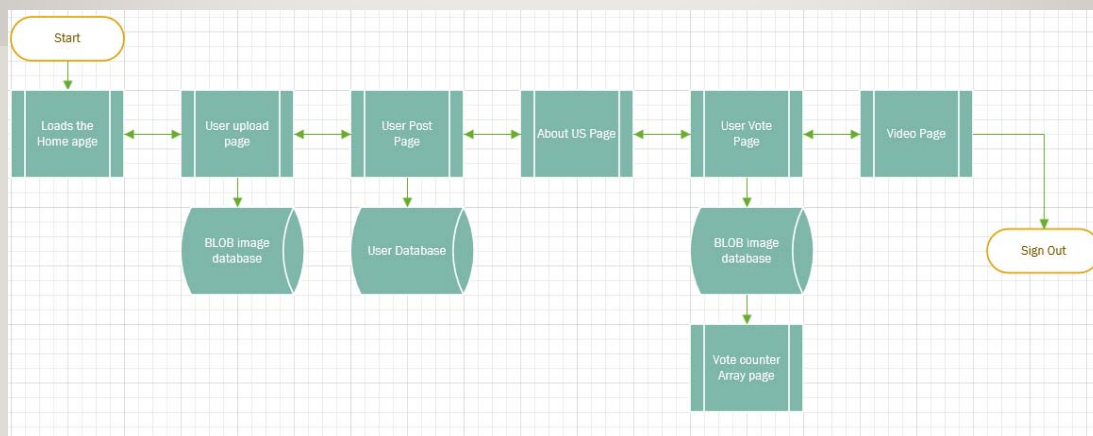
PROBLEMS AND CORRECTIONS

- One of the major problems that we are working through is converting input into a PHP file as a string into an integer within the SQL Database.
 - Correction to this was to create the String as a VarChar and not an integer within the SQL Database.
- Continually working on the CSS page to get the format of the page how we want it for the video preview.
 - Limit the amount of CSS coding to do due to time constraints.
- Integrating regular expression links and regular correction if statements (catch verification statements) for verifying user input.

PROJECT MILESTONES AND DELIVERABLES

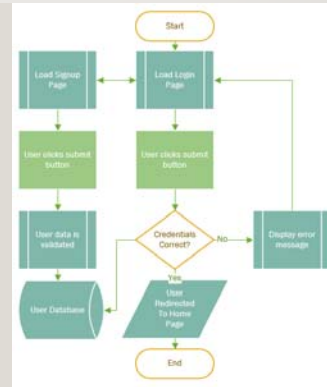
- Prototype
 - Database is in progress
 - PHP Outline complete
 - Researching is nearly complete

WEB SYSTEM DESIGN:



USER LOGIN: DIAGRAM

Our website
validates whether
or not the user has
put in the correct
credentials



SYSTEM REQUIREMENTS: SOFTWARE

- Website Requirements:
 - Website
 - Login Page
 - User Data Page
 - Languages Used:
 - HTML 5
 - CSS
 - JavaScript
 - PHP
 - INI Files
 - SQL

SYSTEM HARDWARE SPECIFICATIONS

- Server System Requirements:
 - XAMPP (Latest Version)
 - Windows 7, 8, 10 o
 - Specs:
 - 12GB RAM
 - 8 CPU threads
 - 20 GB of SSD Disk Space

MAJOR COMPONENTS:

- Hardware:
 - Windows 10 x64 Server
 - Windows Development PC
 - ASUS Router with port forwarding
- Software:
 - Notepad++
 - Database Management GUI

SOFTWARE PROGRAMMING TOOLS

- XAMPP
- BRACKETS (An Adobe Product)
- Notepad++
- Hosted through NO-IP

SCHEDULE

ID	% Complete	Task Name	Duration	Start
1	75%	C&B Homes Website	84 days	Mon 8/21/17
2	✓ 100%	Initial Idea and Decision Making	2 days	Tue 8/22/17
3	✓ 100%	Research/Layout	3 days	Tue 8/22/17
4	✓ 100%	Design and Decision Making	3 days	Thu 8/24/17
5	✓ 100%	Initial Development of Each Webpage	6 days	Mon 8/28/17
6	85%	Database Construction	3 days	Mon 10/16/17
7	60%	Testing and Implementation of the Forum	22 days	Mon 11/6/17
8	70%	Documentation	84 days	Mon 8/21/17
9	50%	Create the Home Page Outline	2 days	Mon 9/4/17
10	✓ 100%	Create the WebSite Diagram	2 days	Mon 8/21/17
11	✓ 100%	Create a Search Box Feature	6 days	Mon 11/20/17
12	✓ 100%	Creation of Vector Images	8 days	Mon 9/18/17
13	90%	Make a BLOB Database	4 days	Mon 9/25/17
14	85%	Make a User Database	2 days	Mon 10/23/17
15	65%	Create a Log On Page	13 days	Mon 11/20/17
16	65%	Create a Sign-Up Page	13 days	Mon 11/20/17
17	38%	Create Checks for Mobile Compatibility	2 days	Mon 11/13/17
18	85%	Create an Integrated Live Video Preview Page	15 days	Mon 11/6/17
19	70%	Integrate JavaScript Verification Checks Into Form Page	7 days	Mon 11/27/17
20	75%	Create a User Database Array to Display Specified views of User Info	13 days	Wed 11/15/17
21	90%	Create and Integrate PHP Ini File	26 days	Mon 10/30/17
22	70%	Review Code and Regular Expression Links	2 days	Sun 12/3/17
23	65%	Create SQL PDO Regulation Loops to Verify User Input	3 days	Sun 12/3/17

Project: Progress Report 2
Date: Sun 12/3/17

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

SCHEDULE CONTINUED

ID	% Complete	Task Name	Duration	Start
24	70%	Create Advanced CSS Page	35 days	Tue 10/17/17
25	55%	Color	7 days	Mon 8/14/17
26	43%	Live Previews	9 days	Fri 11/10/17
27	97%	Hover Effects	4 days	Sat 10/14/17
28	64%	Mouse Over Effects	6 days	Tue 10/17/17
29	100%	Logo Animations	2 days	Tue 11/7/17
30	100%	Font Styles	1 day	Tue 10/17/17
31	100%	Scaling for different platforms	2 days	Mon 10/9/17
32	100%	Resolution Scaling	2 days	Mon 10/30/17
33	100%	Parallaxing for Vector Images	3 days	Tue 10/17/17
34	77%	Create a Sessions and Cookies for Logon and SignUp Pages	5 days	Tue 10/17/17
35	83%	Host Website Externally	12 days	Mon 8/21/17
36	100%	Create an Account with NO-IP	1 day	Mon 8/21/17
37	100%	Open Ports on Router in Accordance with XAMPP	1 day	Mon 8/21/17
38	100%	Ensure that XAMPP Ports are Compatible with Web Hosting	1 day	Mon 9/4/17
39	100%	Research all Ports that Allow for Web Hosting	1 day	Mon 9/4/17
40	100%	Ensure that all files are in the correct HT-Docs folders	1 day	Mon 9/4/17
41	50%	Through Router/No-IP, locate the hosting services/assign hosting services	1 day	Mon 9/4/17
42	100%	Deployment through XAMPP and NO-IP	1 day	Tue 9/5/17
43	0%	Post Implementation Review	1 day	Mon 9/4/17
44	75%	Website Development Complete	1 day	Fri 12/8/17
45	65%	Presentation Complete	1 day	Sat 12/9/17

Project: Progress Report 2
Date: Sun 12/3/17

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

SUMMARY

- The website is nearly done, however, we are still working on linking the pages and getting the final touches completed.
 - Final security measures are being placed into the website
 - Working on gathering more data to be input into the databases