

# C&B HOMES

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PROGRESS REPORT

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ITC 250:WEB SYSTEMS

# PROJECT SUMMARY

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- 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.
- This website allows users to schedule appointments and get estimates for the cost to have their home inspected.

# OVERVIEW

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- Home Inspector's Website
- User Database
- Sign in Page
- How-To Video Page
- Business Information Page

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

# PROJECT SCOPE

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- 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

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- 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

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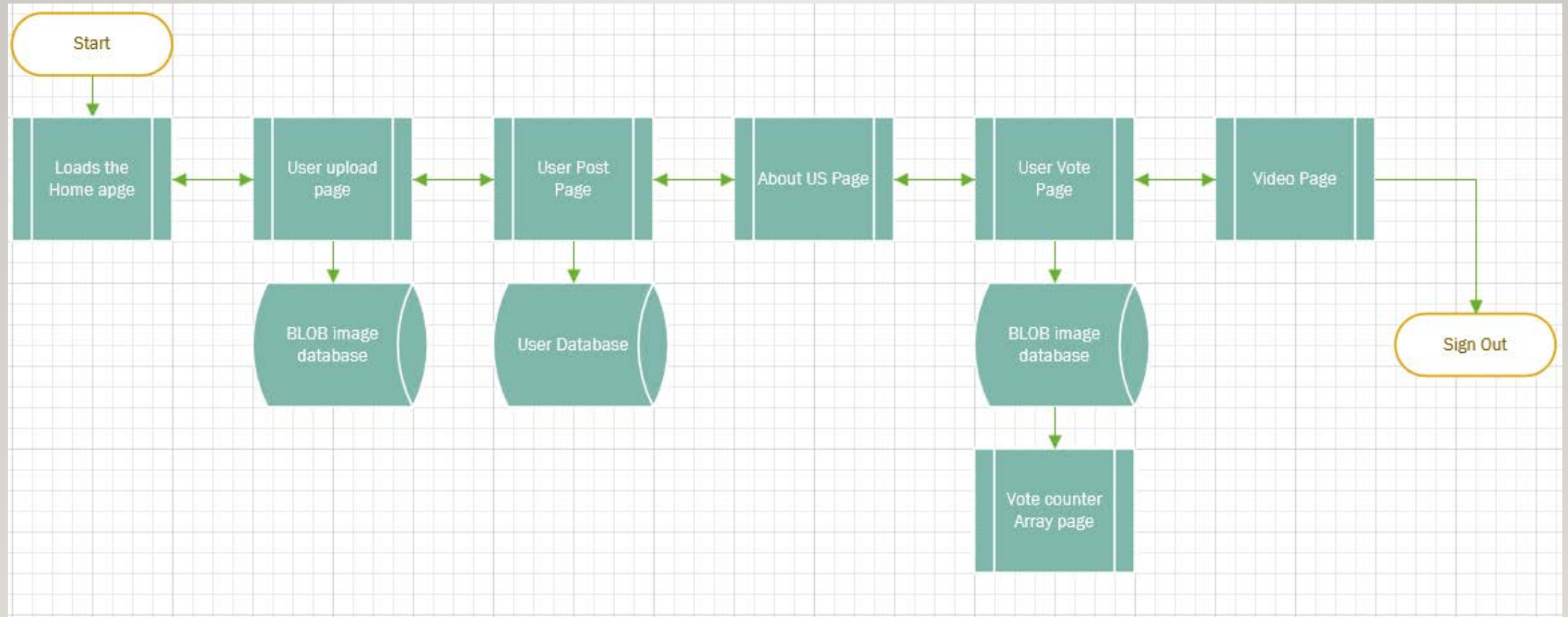
- One of the major problems that we are working through is converting input into a PHP file as a string into an integer within the SQL Database.
  - Correction to this was to create the String as a VarChar and not an integer within the SQL Database.
- Continually working on the CSS page to get the format 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

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

# WEB SYSTEM DESIGN:

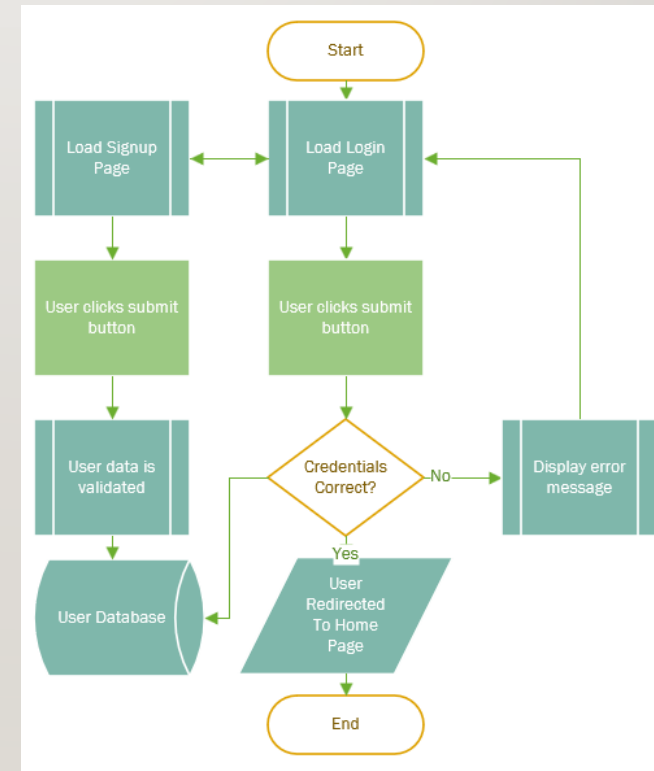




# USER LOGIN: DIAGRAM

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



# SYSTEM REQUIREMENTS: SOFTWARE

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

# SYSTEM HARDWARE SPECIFICATIONS

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- 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:

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


# SOFTWARE PROGRAMMING TOOLS

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- 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		Inactive Summary		External Tasks	
			Split		Manual Task		External Milestone	
			Milestone		Duration-only		Deadline	
			Summary		Manual Summary Rollup		Progress	
			Project Summary		Manual Summary		Manual Progress	
			Inactive Task		Start-only			
			Inactive Milestone		Finish-only			

# SUMMARY

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- 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