

# Project 4

## 1 SCRAPYARD

TEAM LEAD: MIGUEL MONTERO

Members	Roles	
Brayan Delgado Miguel Montero	Primary Roles	Project Manager Database Administrator
	Sub Roles	Graphics Content Manager
Anso Bernade Terry Light	Primary Roles	Database Administrator Front End UI
	Sub Roles	Software Integration Content Manager
Brandon Jadotte Andrew Gonzalez	Primary Roles	Front End UI Software Integration
	Sub Roles	Graphics Marketing

### MAIN PAGE

<http://lamp.cse.fau.edu/~mmonter2/index.html>

### LOGIN PAGE

<http://lamp.cse.fau.edu/~mmonter2/Signupupdated.php>



(Click Signup and then Join)

## Team

We have a team comprised of 6 team members, each member has main roles and sub roles in order prevent the sites progress from being hindered.

All team members have contributed to the overall look and feel of the site. Each team member was assigned a specific section in the site to work on.

Our project is focused on making a simple tutorial website in which users can easily learn a new skill or follow along with a tutorial. The tutorials are implemented with the aid of outside sources such as links to descriptive YouTube videos along with pictures.

## 2 AMBITION

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Our website is designed on the of idea of keeping learning simple, so we focused on aspects that would make our site convenient for both the user and the editors of the tutorials. We have implemented a simple layout using efficient HTML and CSS code to bring the website user's attention to the center of the page in which they can view completed tutorials written by a community of professionals.

At this day and age, people all over the world readily have access to the internet which lets them attain vast amounts of information in the matter of seconds. Over the course of ten years, statistical data shows that fifty percent of internet users have come across and used a tutorial website. Our target audience are those fifty percent in addition to those that have yet to use a tutorial website. We wish to grant our users the best possible experience they can have while visiting our website.



### 3 CURRENT FEATURES

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The site was carefully structured using Bootstrap, a collection of tools for creating websites and web applications, in order to entertain the viewing pleasure of the user. Bootstrap's templates allowed us to construct the impressive jumbotron which we use to navigate through the site's content.

Our users will be able to locate and observe the featured how to tutorials that were rendered by the team. Our site has a fully functioning phpMyAdmin database that implements a login and registration system. Users will be able to create profiles with such credentials like username, email, and password. There is JavaScript validation that analyzes both the email and confirm password inputs for accurate data.

#### **Initial list of high level functional requirements:**

- User created content
  - User create own How-To and DIY and submits content to website.
- How-Not-To
  - Along with instructions on how to do things correctly, this website will enlighten us on how *not* to do things.
- How-To of the day
  - Website will provide an interesting How-To on the main page everyday.
- Request content
  - User have the ability to request How-To's to be on the website.
- Login and registration
  - Using mysql and phpmyadmin to record entrees to a database so that you can later read and validate information form.

#### **List of non-functional requirements:**

- Search Filters
  - The filters will help the user to pinpoint the content they are searching for on the website.
- Easy to Navigate
  - The user will have convenient menu of popular topics of How-To's
- User Support
  - If the user is encountering problems while submitting or navigating the website, there is support available to help.

## 4 QUALITY CONTROL

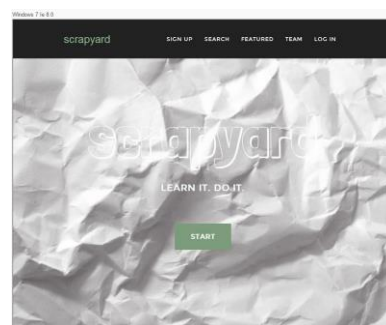
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Testing for a webpage is a fundamental part of checking how versatile the site can be on multiple platforms. The website was tested on multiple browsers to verify that both structure and functionality held true throughout each platform. Layout stayed consistent with each browser with minor changes in resolution and layout. Each Platform was tested on both aspects of size and interpretation of HTML within the browsers. Chrome Performed faster throughout our testing in opening and loading images of multiple size and resolutions, while safari did encounter a small lag in using google API. Also older version of IE (version 8,7 and lower) did not support some of the layout features and colors that are present throughout our site.

### Internet Explorer 9

VS

### Internet Explorer 8 or older



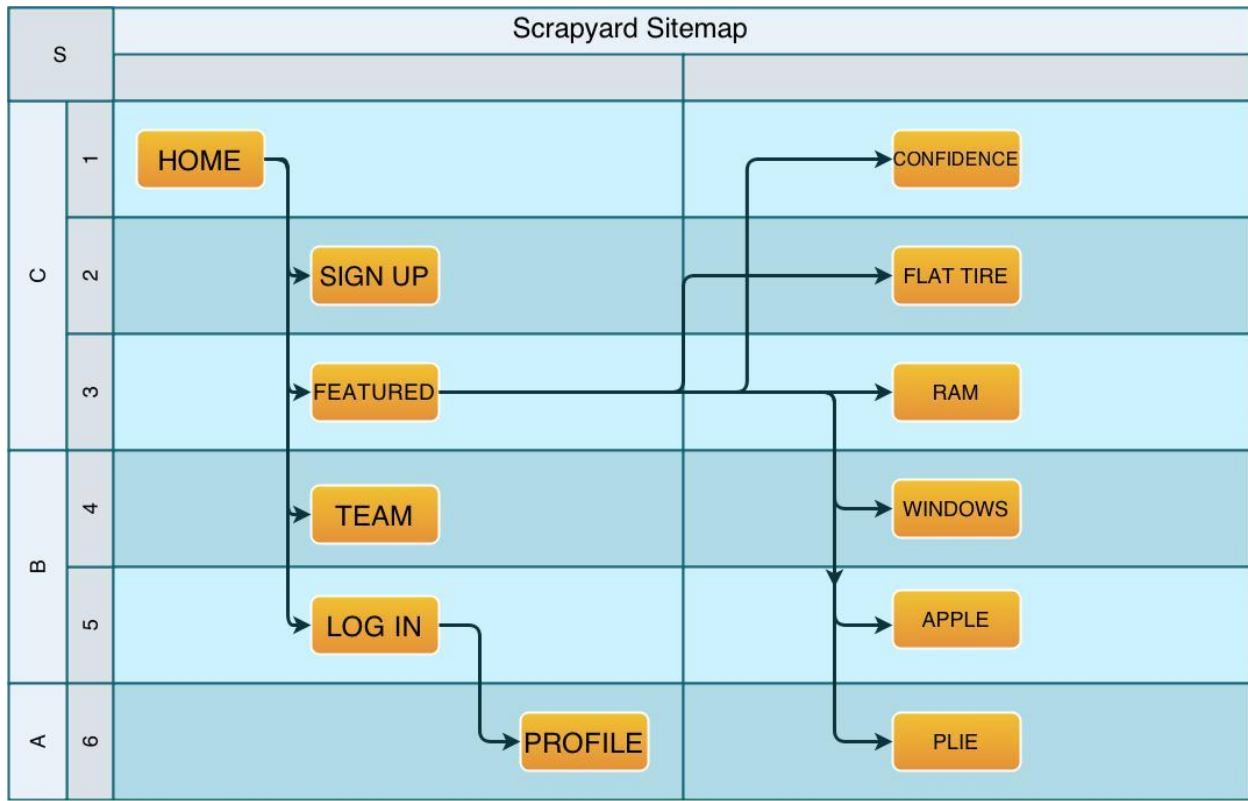
## 5 MOBILE SUPPORT

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Mobile testing ranged from 10 inch (tablet) to 3.5 inch (Iphone) and throughout the site all features were intact and layout stayed within the optimal viewing. This was mostly achieved by using CSS provided by boot strap and making some inline HTML adjustments. After resolution dipped past **240x320** layout was not as easily viewable as in other mobile platform, this meant that to see the rest of the section you had to scroll. This gave us a great benchmark in seeing where our threshold was in respect to mobile viewing. Anything above this threshold gave us a great mobile experience. Other mobile testing was done virtually though a site <http://mobiletest.me/> which emulated a range of resolutions and sizes to view out webpage.



## 6 FOUNDATION



Displayed above is the sitemap diagram for ScrapYard. The diagram demonstrates how the end user will be able to navigate through our website and what parts of the site they will have access to.

The screenshot shows a database management interface with a table of user data. The table has columns for username, password, password1, and email. The interface includes a sidebar with a list of tables (db\_user, members) and a "Create table" button. The table data is as follows:

	username	password	password1	email
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	newperson1	Hello2	password1	Go@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	NewPerson	Hello1	Hello1	testing@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	newperson1	hello1	password1	Go@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	newperson3	hello3	password1	Go@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	newperson5	Hello	password1	person@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	newperson5	Hello	hello	person@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	bob1	hello1	hello1	bob@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	bob1	hello2	hello2	bob@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	bob1	Hello	Hello	bob@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Brayan	password	password	bob@aol.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	jake	fromstatefarm	fromstatefarm	jake@statefarm.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	jake	pass	pass	jake@statefarm.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	anso	love	love	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	anso	love	love	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	abernade	love	love	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Terry	hello	hell	friedsquirrel17@yahoo.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Terry	hello	hello	friedsquirrel17@yahoo.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Sk00by	ruhroh	ruhroh	snacks@mysteryinc.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	terry	1234	1234	friedsquirrel17@yahoo.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	anso	love	love	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	anso	love	love	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	terry	hello	hello	light@yahoo.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	gwozo	zozo	zozo	ansyto20@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	heyia	lalai	eguih37	wootwoot@yahoo.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	kkekeke	efefefefe	efefefefe	eee@sweet.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	testing	test1	test1	test@email.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Terry	Hello	Hello	friedsquirrel17@yahoo.com

Displayed here is the database schema for ScrapYard. It currently contains the architecture for the signup and registration system. The database is using a table to record the submission of the users of the site. Those entrees that are inserted are later used to validate the user information that is submitted to login. Each of these are done using mysql querying system, in conjunction with the php code to generate a registration and login in system.