Weber State University Bachelor of Integrated Studies Program

Name: Ryan Lindsay

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Project Title: The Velvet Curtain Project

Summary of Project:

The Velvet Curtain is a movie and TV review website. The website contains movie and TV show reviews, trailers and news. This paper discusses how I used computer science, website design and communication skills to design the website.

Area of Emphasis 1: Computer Science
Committee Member: Spencer Hilton

Area of Emphasis 2: Website Design (NTM)
Committee Member: Dr. Laura MacCleod, Ph.D.

Area of Emphasis 3: Communication
Committee Member: Dr. Colleen Packer, Ph.D.
The Velvet Curtain Project

By
Ryan Lindsay
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The purpose of this paper is to show how computer science, graphic design and communication are all needed to create a great looking and useful website. I wanted to create a movie and TV review website. This website would require the use of different computer science skills, coding languages, graphic design, layout skills, writing, and communication skills.

First, I will give a brief history of the Internet and websites. The event that caused the first computer network to be created was the Soviet Union launching the satellite “Sputnik 1” into orbit in 1957 (W3C.org). After the Soviet Union did this, the U.S. Department of Defense, known as ARPA at the time, created a network for military computers to talk with each other, known as ARPANET (W3C.org). ARPANET was the beginnings of the Internet, but nothing like the Internet we know and use today. This basic network changed and evolved over about 20 years until there was a standardized protocol created for all network connections, allowing computers from all over the world to talk with each other.

In 1990, the Internet was still pretty basic but held huge amounts of information. When someone wanted to search for something, they would type the search into the Gopher retrieval system, and it would display on the screen lists of menus and links. Users had to pay to use Gopher.

In 1991, Tim Berners-Lee helped create the WorldWideWeb program while working at CERN (European Council for Nuclear Research) (W3C.org). The WorldWideWeb program used a new document style called Hypertext. This new style let people jump from document to document by using text to link to different documents in the same document. In 1993, CERN released the source code for WorldWideWeb to the public domain so anybody could use and develop with the program (W3C.org).

Visually this was still just lists of text or document style reading. In 1993, the first web browser was released, called Mosaic. Mosaic was the basis for all
web browsers created after it. The people that helped develop Mosaic developed Netscape Navigator and Internet Explorer. There were no standards for design of websites, so each browser used different protocols to display the information. This made web designers create two separate websites that looked and functioned exactly the same. Web designers started to rebel and demand web standards. In 1994, Tim Berners-Lee helped create the World Wide Web Consortium (W3C) to help develop and standardize web protocols (W3C.org). The protocols became known as HTML (Hyper Text Markup Language), CSS (Cascading Style Sheets) and PNG images (Portable Network Graphics). It was not until the year 2000 that these protocols became web standards (W3C.org). The browser companies can still choose what third-party plug-ins they support. As an example, Google Chrome recently stopped supporting Java in its browser.

The protocols have changed and been updated as the Internet has changed. We are now at HTML 5, CSS 3 and have many different types of image protocols. Website design now uses multiple computer languages to code even the most basic website. Some of the languages that I have used and seen used are: HTML, CSS, JavaScript, jQuery, Java, SQL and PHP. The design aspect of website design has also evolved. The most popular image design tools are Adobe Photoshop, Adobe Illustrator and Adobe Flash.

Now I will briefly discuss how I used each of my emphasis areas (computer science, website design and communications) to create my movie and TV review website.
The term computer science is very broad and can be used in many different fields of study and use. I will be concentrating on website design coding languages. The first and most basic language I used was HTML. HTML is the language used to create and layout the website. The language doesn’t make the webpage pretty. It basically is a list of elements displayed on the page. HTML is the language a web designer uses to section out the content of the webpage.

The second language I used was CSS. This language is what gives a website style. CSS is what gives color to backgrounds and changes shapes of content containers. These are some of the uses of CSS, but there are many more. CSS can be written into the HTML page, but most designers create a separate file and link that file to the webpage. There can be multiple CSS documents for a single webpage. I used a CSS framework called Bootstrap (http://www.getbootstrap.com/) as part of my CSS coding. I will discuss why I used this framework later in this paper.

The third language I used was PHP. PHP is a server side language that is used to make webpages dynamic and active. A basic use of PHP is website contact pages or website search (think Google search). PHP can be used for many different things, but I used it for the search feature on my website. I also used SQL (Structured Query Language) statements in the PHP code to make calls to the database. SQL is server side language that sends requests to a database for specific data. I will discuss how I used PHP and SQL later in this paper.
The communication portion of this project deals with creating written content for my website. I wrote all of the synopses and reviews for the movies and TV shows. The communications classes I took helped me understand how to write better and more effectively. I will discuss my writing style and why I chose that style later in the paper.

The reason I chose movie and TV show reviews as my communication part of the project is that people read reviews to decide if a movie is worth seeing in theaters. With the popularity of the internet, word of mouth and expert reviews have an impact on movie and TV show revenue (Kim, N. Park, and S. Park 99).

Graphic design is the art or profession of using design elements (as typography and images) to convey information or create an effect (Merriam-Webster).

Graphic design is used in areas such as website design, advertising, marketing, magazines, and newspapers to convey information with text and images. People see graphic design everyday whether they know it or not. I used design principles I learned in my graphic design classes to create the layout, colors, fonts, and images for my website. I will go into more detail about the design choices I made later in the paper.

I used the tools Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver and Pages to help me design and layout my website. I will discuss how and why I used each of these tools later in the paper.

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Website Design

Communication

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Before I can start designing and creating a website, I must first plan out how and what kind of website I wanted to create. I already had the idea for creating a movie and TV review website. I had designed and created different versions of this website for class projects and wanted to take the challenge of creating a fully functioning movie and TV reviews website. The website was going to be called Velvet Curtain. I picked this name because most movie or TV review website names relate in some way to movies or TV (e.g. Rotten Tomatoes and IMDb). I also used to go to a movie theater that had red velvet curtains and gold ropes around the movie screens.

I wanted to create a website that focused on movie and TV show reviews and not news. I did want to include news, but I did not want the news to be the focus. The most popular websites (e.g. YouTube, Instagram, and Facebook) on the internet started out as “monomedia,” meaning they concentrated on single types of media in the beginning (Ford 18). This not only simplified the plan for the website, but also simplified the use of the website for the users. Constraints help define the nature of a website (Ford 18).

During this phase, I needed to decide on the type of design I wanted to use. The types I chose from are User-Centered, Activity-Centered and Goal-Directed design. User-Centered Design is when a designer designs a website around the behaviors of users and how they use a website(Williams 1). Activity-Centered Design is when a designer designs a website around a specific activity (Williams 4). Goal-Directed Design is when a designer designs a website around a specific goal the user is to accomplish (Williams 5). I chose a User-Centered Design, because users come to a reviews website to read reviews and watch trailers. While I chose a User-Centered Design type, I mostly concentrated on information architecture design techniques. Information architecture design is a mix between information, navigation and graphic design techniques (Newman and Landay 264).

I needed to decide on the layout that I was going to use to integrate the text and graphics. The layout choices I had were Prose Primary, Prose Subsumed and Fully Integrated. Prose Primary is focused on text first and images second (think textbooks) (Peterson 28). Prose Subsumed is a midpoint between Prose Primary and Fully Integrated. Each section of text is associated with an image (Peterson 28). Fully Integrated is layout where chunks of text are associated
After deciding on the idea of what kind of website I wanted to create and the type of design, I moved onto the types of programs I was going to use to create the website. I used Adobe Dreamweaver as my code editor. I then used Adobe Photoshop to edit the images I would need for the website. I also used Adobe Illustrator to design custom graphics for the website.

After I decided what programs I was going to use, I thought about if I was going to use any coding frameworks or API’s (Application Program Interface). I decided to use the Bootstrap framework. This framework has HTML, CSS, Javascript and jQuery built into it and makes doing some of the CSS and website layout quicker. The Bootstrap framework is also built into the Adobe Dreamweaver program. I also used the Adobe TypeKit API to get custom fonts into the website.

After I decided on what programs, frameworks and API’s to use, I was ready to move onto how I would go about creating the website. I decided that I would concentrate on specific elements and pages before moving onto the next element or page. I started with creating the elements that would be on every page, navigation and footer. I then moved onto the webpages (home, reviews, news, trailers, contact, movie/TV review pages, about, 404 error and search results). I was now ready to start the design phase of the website.
The design phase is about making color, layout, font, and image choices. I started the design phase by making a simple wireframe layout of the webpages (Williams 4). I did this to visually see how the elements would look on a webpage, and it helped guide me with layout decisions. I wanted to section out each item of content to look like little movie screens with white backgrounds and rounded corners. Each section has a header in a colored font with a colored background behind the header text.
I then made the choices on colors red (#920507), gold (#FFCE15), black (#000000), white (#FFFFFF) and grey (#BD-BCBC). I used Adobe Illustrator and Adobe Color to make sure the colors would work together. Adobe Color (https://color.adobe.com/create/color-wheel/) is a color tool website that helps people pick a color scheme and colors that fit that scheme. I picked the colors red and gold, because of the name of the website Velvet Curtain and an old movie theater I used to go to that had red velvet curtains and gold ropes around the screen. I then picked black and white, because they complement red and gold nicely. I used the grey color for the background of the pages, because it’s a nice muted color that does not draw attention.

I used Adobe Illustrator to design the website icon graphic. The icon graphic is the little graphic a user sees on the left side of the web browser tab or on the bookmarks tool bar. The icon image is not that important, it is just something to visually distinguish different tabs or bookmarks.

I used Adobe Photoshop to resize the images I used on the website. The difficulty with images and websites is file size and resolution. I can have great quality hi-res images on websites, but the file size is usually too large. Large file sizes take longer to load on website. I needed to make the image file size as small as I could, but keep the hi-res quality.

With these decisions made, I was ready to move onto the coding phase of the website. This part of creating the website was going to take the most time and effort. All of the planning and decisions I had made earlier did make certain things easier.
My code editor of choice is Adobe Dreamweaver. I like the way the program is laid out and how it functions. The program allows a user to visually see the webpage as they are coding it. This makes layout decisions easier, because a web designer can see it as they are typing it.

I first set up the elements that would be on every page. These elements are the icon, Bootstrap CSS, custom CSS, custom fonts, navigation and footer. I also needed to make the webpages scale to fit the viewing devices' screen sizes. This means that the website can be viewed on computers, tablets, and phones without having to be rerouted to a mobile specific website. This part of the coding process comes with its own challenges, but the Bootstrap framework helps with some of them.

```
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>VelvetCurtain - Home</title>
<!-- Favicon -->
<link rel="icon" href="images/favicon.png" type="image/x-icon">
<!-- Bootstrap -->
<link href="css/bootstrap.css" rel="stylesheet">
<!-- Main CSS-->
<link href="css/mainCss.css" rel="stylesheet" type="text/css">
<!-- Start Font Scripts-->
<script src="https://use.typekit.net/sjh3ghc.js"></script>
<script>try{Typekit.load({ async: true });}catch(e){}</script>
```

I started with the front-end coding languages like HTML, CSS, and JavaScript. Front-end code is the code the user sees and interacts with. First, I started coding and laying out the navigation and footer for the website. I made the navigation and footer backgrounds red. I then made the website name text gold and the navigation menu text white, but when a user hovers over the text with the mouse the text color changes. The website name changes to white and the navigation menu text changes to gold with gold borders. I then put the search input field onto the right side of the navigation. I did this because that is where it is on most websites and that is what people are used to. I also used a glyphicon of a magnifying glass as a button to start the search process.
When I finished the coding for the navigation and footer, I moved onto the specific webpages. I started with the Index or Home page for the website. I used the carousel element from the Bootstrap framework because it was pre-built and works nicely on different devices. The carousel element is just a series of rotating pictures that are links to different webpages. I then sectioned the content into latest reviews, news, new trailers and movies opening this week. Each section had a header to identify it. The new trailers and movies opening this week have modals attached to them. A modal is a box of content that opens in front of the main page. I used the modal to hold that specific movie or TV show trailer and description. The modal was a pre-built element in the Bootstrap framework as well.
The next page was the Reviews page. This page is where all the movie and TV review pages can be located. I started off with the main content which is the latest reviews. I then added tabs for each letter of the alphabet. Each tab would contain the movie or TV poster and title starting with that letter. Each movie or TV poster and title are set up as links that take the user to that specific movie or TV show. The reason I used tabs is because it keeps all the review content code in a single file and just keeps the file system simpler. If I did not use tabs then I would have had twenty-seven different review content pages, one for each letter of the alphabet and a main review page.
The next page was the News page. This page is where I placed the news I gathered from different media sources. I sectioned this page into movie news and TV news. Most of the websites I have looked at group them together, but I wanted to keep them separate so the user could identify what news they were looking at. On this page, I just used content divs to separate the articles and content.

Page four is the Trailers page. This is where I placed all the latest trailers. I made four rows of content with six trailer posters each. Each trailer has a poster and title for the movie or TV show. Each poster has a modal attached to it that contains the trailer and description for the movie or TV show.
I embedded each trailer from YouTube because downloading good quality trailers is difficult, and I would need multiple quality versions (360p, 720p, 1080p) of the same trailer. YouTube already has these versions, and it auto adjusts the quality for screen and bandwidth.
Pages five and six are linked together. These pages are the Contact Us page and the Thank You for Contacting Us page. The Contact page just has a web form that a user fills out. The form contains input sections for email, subject, message, submit button and reset button. I used PHP to submit the form and email the form content to myself. I did this with PHP because the user can not see the PHP code or the email address the form is submitting to. PHP is server-side or back-end coding language. It is written differently than HTML, but can be written inside of HTML code. When the user submits the contact form, PHP redirects the user to the Thank You for Contacting Us page. This page is just to let the user know that the contact form has been submitted successfully.
Page seven is the About Us page. This page is just to give some background on the website and the reviewers' favorite movies from different genres. The top part of the page is some text giving some background on the website and how the reviewers go about reviewing the movies and TV shows. Then there are some movie and TV posters and titles. There are two rows with six posters for each row.

**About Us**

We started this website as a project for our university degree. We had to create a website to show our mastery of website design and development. We thought that making a movie and TV review website would require advanced programming skills. We also grew up in a time when home video was new and accessible, so we have watched movies at home from a young age.

Our focus for the movie and TV reviews is on how entertaining the movie or TV show is. These are not reviews written by journalists or people with film degrees, but written by people that just love being entertained by movies and TV shows. We have watched all kinds of genres, but we really enjoy Sci-fi and action genres.

We concentrate more on the visuals of a movie or TV show, we do cover the acting and story of the shows. We believe that a show with a poor story and sub-par acting can be saved with great visuals (ex: Star Wars: The Phantom Menace). However, a show with poor visuals can be doomed even though the story and acting are great (ex: Macbeth).

We came up with the name Velvet Curtain from a movie theater that we used to go to that had red velvet curtains around the screen. Older theaters had the dual function of showing movies and theatrical plays; which is why they had velvet curtains. We just wanted to have a tie in with the old movie industry.

**Favorite Movies and TV Shows**

- **Favorite Movie**
  - The Matrix
  - Star Wars (original trilogy)
  - The Lord of the Rings
  - Scott Pilgrim vs The World
  - Hero
  - Guardians of the Galaxy
The next page is the Movie and TV page. Each movie or TV show has its own page for synopsis, trailer, review, cast and other details. Each section of content has its own div container, so the content can be easily found. I made a master Movie and TV page template that each of the other pages is based on. I did this to make changes more efficiently. If I change something on the master Movie and TV page, each of the other pages will be automatically updated. This is a feature in Adobe Dreamweaver.

The final page is the Search Results page. This page is where the users are redirected when they use the search field in the navigation bar. When the user submits a search request, they are redirected to the Search Results page. This page displays the searched for movies or TV shows or displays "No Results"
for: ‘search’. I coded the search from scratch with PHP and SQL statements. I could have used the “Google Search” API, but I wanted to code the search and understand how to do it. Coding the search was probably the hardest part for me to code because I did not know a lot about PHP and had to learn as I went along. The first try at coding the search failed miserably, but after asking for help from my professors and some other computer science people, I figured out what the problems were and fixed them. I used W3Schools.com (http://www.w3schools.com/php/default.asp) to help figure out the answers to the problems I was having.

After I got the search feature to work, I had to create a database in phpMyAdmin. PhpMyAdmin is a database tool that allows users to create and manage data in a database. When setting up my database I had to think about what information I was going to need to display in the search results and what people would type in the search. I decided on title, image, synopsis, keywords, genre and link. When a user types a search in, the PHP code with SQL statements goes to the database and looks for matches to the search and then displays the image, title and synopsis. The PHP code also makes the displayed information a link to the movie or TV show page. So a user can search a movie or TV show title, genre and keyword and the results page will display the matching information. Then the user can click the movie or TV show and be taken to that page.
The content creation phase is where I did all the writing of the reviews and synopses. I did not do all of the writing at once. I wrote each review and synopsis after watching the movie and TV show.

When I wrote the reviews and synopses I tried not to give any spoilers but give enough information about the movie or TV show so the reader would have some kind of information. I tried to base the information I did write about on the information given in the movie or TV show trailers. I hate when I read a review or synopsis, and it gives away the whole movie or TV show. I also hate it when the trailers give away the movie or TV show. I wanted to keep the reviews and synopses short because I do not like reading long reviews or synopses. I am by no means a expert movie critic, so I focused on the things I look for in watching movies and TV shows. I focused on visuals, meaning special effects, practical effects, and how the visual elements help the story. I also focused on story and acting, because a movie or TV show can have a great story but bad acting and vise versa. I lumped story and acting together, because you can not have one without the other.

I think by writing the reviews and synopses, I have become a better writer and understand writing principles better. I am still not an expert at writing, but I don’t dread writing as much. Movies and TV shows can be used as an educational tool (Selvan and Sivakami 671). By writing about something I like and enjoy, it made learning how to write easier.
I also linked movie and TV news articles on the website to their original articles. I did not claim to write or create the news articles. I attributed the articles to the original writers and websites. The linked article will open in a new web browser tab and keep my website open.

To cover the legality of using the images and videos on the website and not violate copyright laws, I used photos that the media distribution companies (e.g. Warner Bros., Disney and Lionsgate) posted to their websites. They created the image, and I don’t alter it other than image size. I embedded the videos from YouTube, and YouTube takes liability and enforces the copyright laws. I am just using the computer code YouTube provides to embed the media, and I am not hosting the media content. Third party website owners cannot be held liable for copyright infringement for linking to content (New Media Rights). If YouTube receives a “DMCA section 512 takedown notice” from a copyright holder, they takedown the video and my embedded video is no longer available (New Media Rights).
When I had completed a good majority of the website, I asked my professors to look and test it out. They gave me some good feedback. They told me to look at my writing and fix the mistakes. They also had me change some of layouts of the web pages because the content was hard to read and to alter some of the colors.

After I had fixed the problems my professors told me about, I asked other people to test out the website and give me feedback. I asked them to test the website on different web browsers and devices (computers, tablets and smartphones). Most of them told me that some of the larger images were pixelating on larger screens and that there were still some grammar errors. I tried to get better quality images from the production companies, but I can not get too large of images or the web pages will take forever to load. I also fixed the grammar mistakes they mentioned.

I tested the website myself along the way to make sure everything was working the way I needed it to. The reason why I have others test the website out is because I would not see every mistake. I also might like a design choice I made, but it might be difficult for other users to view, use or read.
The combination of the fields of computer science, website design and communications has helped me create a great looking and functional website called Velvet Curtain. Velvet Curtain is a place for me to post movie and TV show reviews that I have written.

The computer science portion of Velvet Curtain was challenging and provided many learning experiences. During the creation of Velvet Curtain, I noticed that I need to continue to develop my coding skills. I am still learning some coding languages and need some improvement on others.

The website design portion of Velvet Curtain was engaging. I have never had complete design control over something like this. I made some decisions that I thought were good and looked great, but other people found them ugly, hard to read and boxy. So with feedback, I changed those decisions and made a better looking website.

The communication portion of Velvet Curtain was difficult. I have never written so much in my life. I am not a talkative or eloquent person, so it was difficult for me to write my thoughts and make them interesting for others to read. I do think writing the reviews has made me a better writer.

This project has helped me develop the skills I will need for future website development and my future work life.
Navagation Code

```html
<!--Nav Start-->  
<nav class="navbar navbar-default navbar-fixed-top nav-footer-color">  
  <div class="container-fluid">  
    <!-- Brand and toggle get grouped for better mobile display -->  
    <div class="navbar-header">  
      <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#defaultNavbar1">  
        <span class="sr-only">Toggle navigation</span>  
        <span class="icon-bar"></span>  
        <span class="icon-bar"></span>  
        <span class="icon-bar"></span>  
      </button>  
      <a class="navbar-brand" href="index.html">Velvet Curtain</a>  
    </div>  
    <!-- Collect the nav links, forms, and other content for toggling -->  
    <div class="collapse navbar-collapse" id="defaultNavbar1">  
      <ul class="nav navbar-nav">  
        <li><a href="reviews.html">Reviews</a></li>  
        <li><a href="news.html">News</a></li>  
        <li><a href="trailers.html">Trailers</a></li>  
      </ul>  
      <form action="results.php" method="get" class="navbar-form navbar-right" role="search">  
        <div class="form-group">  
          <input type="text" name="search" class="form-control-search" placeholder="Search">  
        </div>  
        <button type="submit" class="btn search-glyph" aria-label="Search">  
          <span class="glyphicon glyphicon-search" aria-hidden="true"></span>  
        </button>  
      </form>  
    </div>  
    <!-- /.navbar-collapse -->  
  </div>  
</nav>  
<!--Nav End-->  
```

Footer Code

```html
<footer class="nav-footer-color footer" >  
  <div class="container">  
    <ul class="footer-link">  
      <li>Velvet Curtain &copy; 2015</li>  
      <li><a href="contact.php">Contact Us</a></li>  
      <li><a href="about.html">About Us</a></li>  
    </ul>  
  </div>  
</footer>  
```
Carousel Code

```html
<!-- Start Carousel -->
<div id="carousel" class="carousel slide" data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carousel" data-slide-to="0" class="active"></li>
    <li data-target="#carousel" data-slide-to="1"></li>
    <li data-target="#carousel" data-slide-to="2"></li>
    <li data-target="#carousel" data-slide-to="3"></li>
  </ol>
  <div class="carousel-inner" role="listbox">
    <div class="item active">
      <a href="#tvpages/jessicaJones.html" data-toggle="modal" data-target="#modal1">
        <img src="images/jessicaJones-LG2.png" alt="Jessica Jones" class="center-block">
      </a>
    </div>
    <div class="item">
      <a href="#tvpages/intoTheBadlands.html" data-toggle="modal" data-target="#modal2">
        <img src="images/intoTheBadlands_LG1.png" alt="Into The Badlands" class="center-block">
      </a>
    </div>
    <div class="item">
      <a href="#tvpages/supergirl.html" data-toggle="modal" data-target="#modal3">
        <img src="images/supergirl-LG.png" alt="Supergirl" class="center-block">
      </a>
    </div>
    <div class="item">
      <a href="#moviepages/theMartian.html" data-toggle="modal" data-target="#modal4">
        <img src="images/theMartian-LG.png" alt="The Martian" class="center-block">
      </a>
    </div>
  </div>
  <a class="left carousel-control" href="#carousel" role="button" data-slide="prev">
    Previous</a>
  <a class="right carousel-control" href="#carousel" role="button" data-slide="next">
    Next</a>
</div>
<!-- End Carousel -->
```

Modal Code

```html
<!-- Start Modal 1 -->
<div id="modal1" class="modal fade" role="dialog">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <button type="button" class="close" data-dismiss="modal">&times;</button>
      </div>
      <div class="modal-body">
        <iframe width="560" height="315" src="https://www.youtube.com/embed/PlkTybqCk-Yo" frameborder="0" allowfullscreen>
        </iframe>
        <p>Political interference in the Avengers' activities causes a rift between former allies Captain America and Iron Man.</p>
      </div>
    </div>
  </div>
</div>
<!-- End Modal 1 -->
```
<?php

// Server Connection
$conn = mysqli_connect($serverName, $username, $password, $dbName);

// Check connection
if (!$conn) {
    die("Connection failed: ". mysqli_connect_error());
}

$search = (isset ($_POST['search']) ? $_POST['search'] : null);
$terms = explode(" ", $search);
$sql = "SELECT title, image, link, description FROM vc_search WHERE title LIKE '%".$search."%' OR keywords LIKE '%".$search."%'";
$result = mysqli_query($conn, $sql);
//if($i++)

if (mysqli_num_rows($result) > 0) {
    // output data of each row
    while($row = mysqli_fetch_assoc($result)) {
        $image = $row['image'];
        $title = $row['title'];
        $description = $row['description'];
        $link = $row['link'];
        echo "<div class='row'>
            <a class='review-links' href='$link'>
                <div class='col-md-8'>
                    <div class='col-sm-4'>
                        <div class='thumbnail'>
                            <img src='$image' class='img-responsive' alt='$title'>
                        </div>
                    </div>
                    <article>$title</article>
                    <h2>$description</h2>
                </div>
            </a>
        </div>
    </div>
    <hr>
} else {
    echo "No Results for: "$search;""
}

// Disconnect Server Connection
mysqli_close($conn);
?>


