

Star Wars

Problem Description:

Star Wars is a global phenomenon. It is one of the most known brand in the world. Star Wars universe is filled with rich characters and storylines. There are facts and information that can not only confuse a casual fan but also a massive follower of the property. Sure there are websites that help provide you with information regarding Star Wars. But where do you actually start? And how much information can a beginner or a casual fan take in? We thought of creating a website that not only helps a certain individual get into Star Wars but also allows a casual fan to understand why Star Wars is bigger than life to many people. What do you need to understand the lore of this mythology and where do you start to be a part of this massive fandom. Our website is basically a beginner's guide to Star Wars, and we show you the proper path to knowing anything and everything Star Wars. You wanna know about movies, we got you covered. You are an avid gamer, our site has that for you too. Maybe you are a history buff, and want to learn where this all came from, our site is for you. We provide you basic knowledge of this property and guide you to the proper direction if you want to dig deeper and get more facts and information about Star Wars. You may ask you could easily go to Wookieepedia and get the same information. The answer is Yes and No. Yes you will find these information in other sites, but what our site does differently is give you exactly what you need and nothing more, you don't need to search through 1000s of words or 10s and 100s of pages to find out how Darth Vader and Luke were related. We are there to link you directly to the information you are looking for. That is the sole purpose of our website.

Analysis and Research:

Star Wars is such a massive universe that even a massive fan cannot know all the information about it. Even Lucasfilm, the home of Star Wars has a person, Leland Chee, who maintains the Holocron database, that keeps track of all the fictional elements created for the Star Wars universe. Thus, we had to do quite a lot of research and study in order to get the correct information for our website. The official website of Star Wars (starwars.com) and Wookieepedia were a big help. We went through different pages in those sites and collected the most important information and summarized them in our website thus making it easy for the first time viewer.

We also went to look at other unofficial Star Wars sites to see how they were setup. Most of the sites that we researched were similar when it came to format. We both agreed that the formatting and styling was plain, content heavy, and uneasy for the first time viewers. In that case, we decided to go in the opposite direction. An example of a site that we looked at is: theforce.net. We slowly analyzed it and determined that we wanted a site that first time viewers can easily understand and see. With that in mind, we had a good idea of what our site should and should not contain.

As for the layout and formatting of our site, I drew a lot of influence from the official Star Wars site. I noticed that they had a navigation container with the navigation bar and a graphic. We noticed that the tone(color) and styling of the site really help set the Star Wars mood. The contents and format of this site affected our project and its content inside. Further details will be explained in the Design section of our report. Although we did not want to copy it directly we took a similar approach and we think it came out great.

Many different Javascript and CSS techniques we use in our site can be seen elsewhere. (refer to Reference page) Although we did not completely copy it exactly, we implemented it into our site. For example, on our home page text scroll, we had to do extensive research on not only how to do it, but how to make it work with all the element in the rest of the page. Simply copy and pasting will not work as it will completely change up the content and layout. In that specific example, we had to

contain the scroll with a container tag and center it under our top navigation bar. We had to make sure it did not affect our dynamic sidebar, which was difficult.

Design/ Implementation:

As stated in the previous section, we based off our initial design off the official Star Wars site. We like the styling and formatting in how it set the Star Wars tone. So, in order to do that for our site, we decided to do the iconic Star Wars text scroll with our own intro. That way it can capture the viewer's attention. Of course, we also want to queue it to the intro music as well. Going back to our theme of simplicity, we decided that was going to be our home page with nothing else.

Before we started our prototyping process on paper, we already had the basic format in mind. It was going to be to be a simple fixed navigation bar on the top and a dynamic sidebar to the left on every page except for a given few. That way, it can save a lot of room and space for our main content. Our course, we also wanted to keep the background color black and dark with a yellow font color in all our contents. On the top navigation bar, that is where the user will navigate through our main content. It will contain the Home tab, History tab, Movies tab, Games tab, TV show tab, Books tab, Expanded tab and finally a logout tab. On the side bar however, it is where our reference and links bar will be. From here, the user will be able to access their profile page, About Us page, and other external links and references that we thought was important to let users know about.

The next step of course, was the paper prototyping process. this step was crucial in our design process. It allows us as designers to make major changes quickly and allow users to know how the flow of the site works. Our first page that we created was the login page. Although we thought about combining the login page with the home page, we decided that it was best for users to go through the login page in order to test our login and sign-up functionality. In our paper prototyping process, we initially had set up the login page and sign up page separately. Later on, we combined the two midway through the process. That was where the paper prototyping process came in handy. We

made a major change and it was easier to do on paper rather than doing it on screen with HTML. After creating the prototypes for all the pages, the flow of our site was easy to view and creating each individual page was much easier to do. Below, you can see our flowchart and the design in each page and its details.

The way we designed our user session in every page was we included a `dbconnect.php` on every page. All this page does is connect to our database that we created and keeps the current user logged for a period of time. That way, when we include this page on all our content pages, the browser will recognize the user as signed in. This will keep the user from repeatedly signing in every time he enters another link. Another design that we tried but could not avoid is directing the browser directly to the home page after a sign up. Instead, after signing up, the user will be directed back to the login page where he/she will have to enter their recently created user/pass to login. The reason is because I could not direct the page in `loginpage.php` because a loop error in the page will appear. Therefore, to warn the user that their account was successfully registered, I had to write a short Javascript alert section in which comes up after users have either created an account or failed to create account.

For our site, we tried to create a unique feature for every page. For example, the home page will have the text scroll, the history page will have the vertical timeline and the trivia quiz, the movie page will have a countdown timer, and the games page will have the youtube video implemented to the page. But at the same time, each page will look similar and have the same feel.

Our final step was to move our php files into a web hosting site/server in which we can test our site live. That was accomplished through a site called `000webhost.com`. they supported PHP and MySQL and most importantly, it was free. From there, we created a subdomain and a MySQL database to hold all the users info.

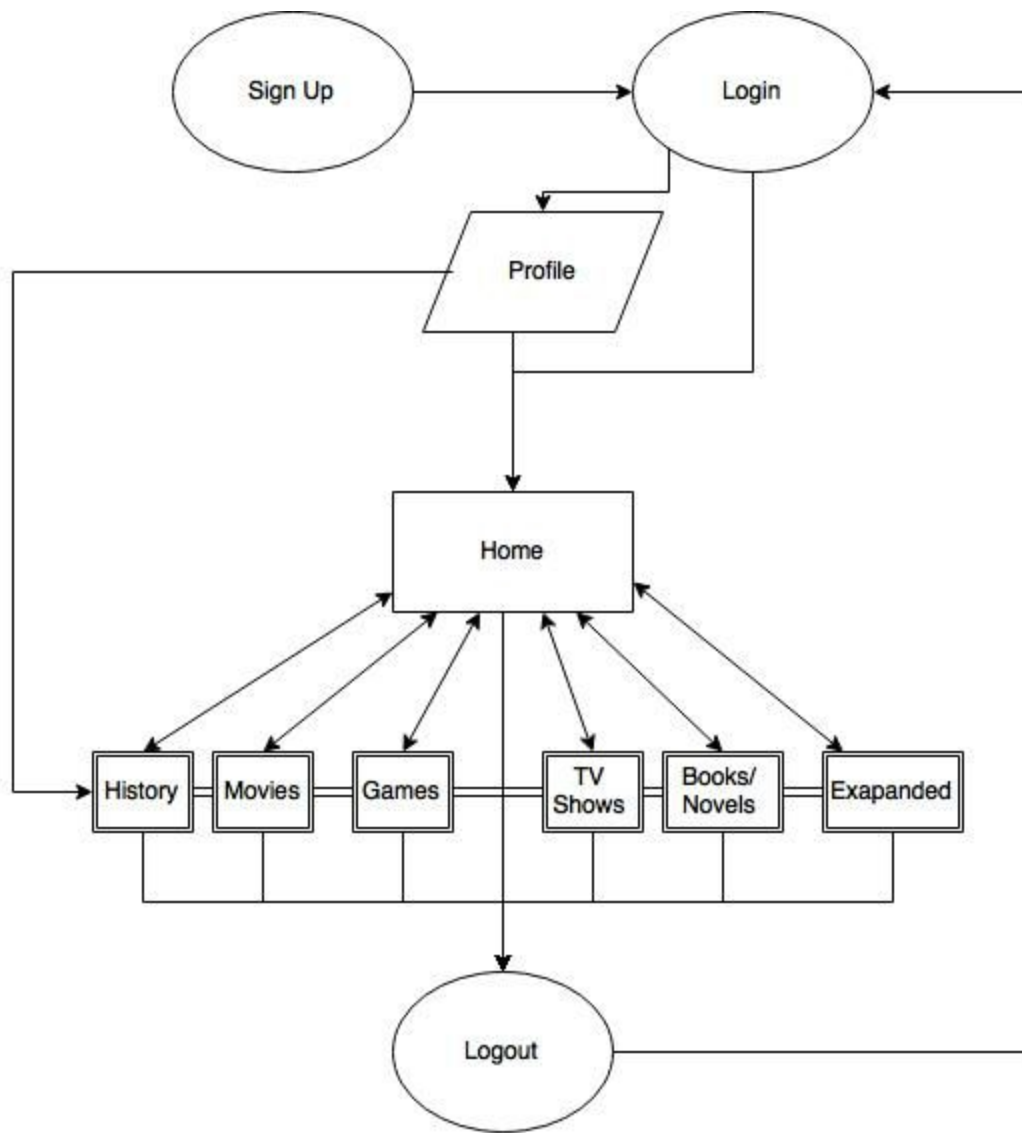


Fig: Flowchart of how the Website works

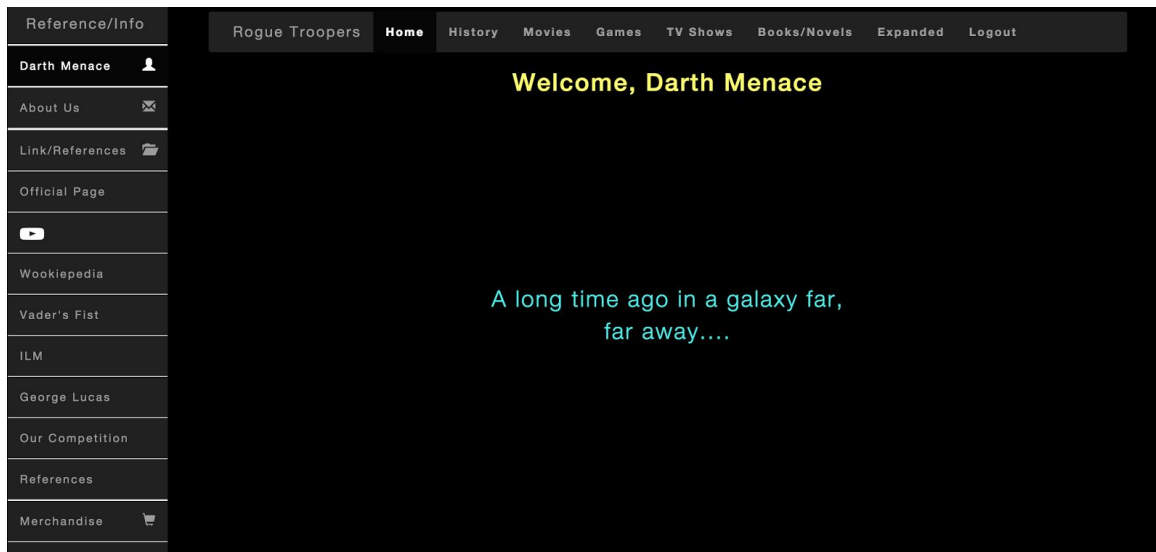
The flowchart basically shows how a new user can first create an account and then login to enter our site. Once logged in, they can either go to their profile to update their information or go to the home page and start navigating. They can go to either of the contents from our navbar and learn about various categories of Star Wars. Finally, they can click the logout button which will take them back to the login page.

Evaluation:



The image shows a login and sign up page with a Star Wars theme. The background features a large, stylized 'STAR WARS' logo where the letters are filled with various Star Wars characters and scenes. On the left, there are two sections: 'Login' and 'Sign Up'. The 'Login' section has a 'Your Email' input field, a 'Password' input field, a 'SIGN IN' button, and a 'FORGOT PASSWORD?' link. The 'Sign Up' section has an 'Enter Username' input field, an 'Enter Password' input field, an 'Enter Email' input field, and a 'SIGN UP' button.

This is our login/ sign up page. Its a simple login page. A new user first can create an account with an email address and once that is done they can login with the same email address and password. We also have a 'Forgot Password' button in case the user doesn't remember his password. Once the user is logged in, they're directed to the home page of our website.



This is our home page. It has a Star Wars themed scroll that gives a brief summary of what Star Wars is all about and ends with welcoming the user to our website. The iconic

theme of Star Wars plays subsequently with the scroll. The user has the option to go to any of the other content from the web page. From the left sidebar, they can go to their profiler to update their information or change their display picture. They can also learn about us or go through different official links that we've provided for them.

Reference/Info

Rogue Troopers Home **History** Movies Games TV Shows Books/Novels Expanded Logout

Star Wars History!

May 14, 1944 George Lucas was born in Modesto, California to Dorothy Bomberger Lucas and George Walton Lucas, Sr.

June 12, 1962 Lucas' dreams of being a race car driver ends when he smashes his Fiat Biancina into a walnut tree and almost dies. This is one of the key events that resulted in George Lucas pursuing film making.

1969 Francis Ford Coppola and George Lucas create American Zoetrope, named after a collection of zoetropes filmmaker Mogens Skot-Hansen gave him.

1971 Lucasfilm Ltd. is founded by Lucas.

1975 Lucas conceives the basic story of Star Wars. Divides it into two trilogies. Chooses the second, the one that revolves around Luke Skywalker, because it is the most exciting of the two.

Test your Star Wars knowledge:

1) Where did Darth Vader reveal himself to be Luke's father?

| | |
|--------|----------|
| Bespin | Tatooine |
| Yavin | Endor |

2) What location stood in for Tatooine in the first 1977 'Star Wars' movie?

| | |
|---------------------|-------------------|
| Sahara Desert | The Syrian Desert |
| The Tunisian Desert | The Death Valley |

3) What famous composer has scored all the 'Star Wars' films so far?

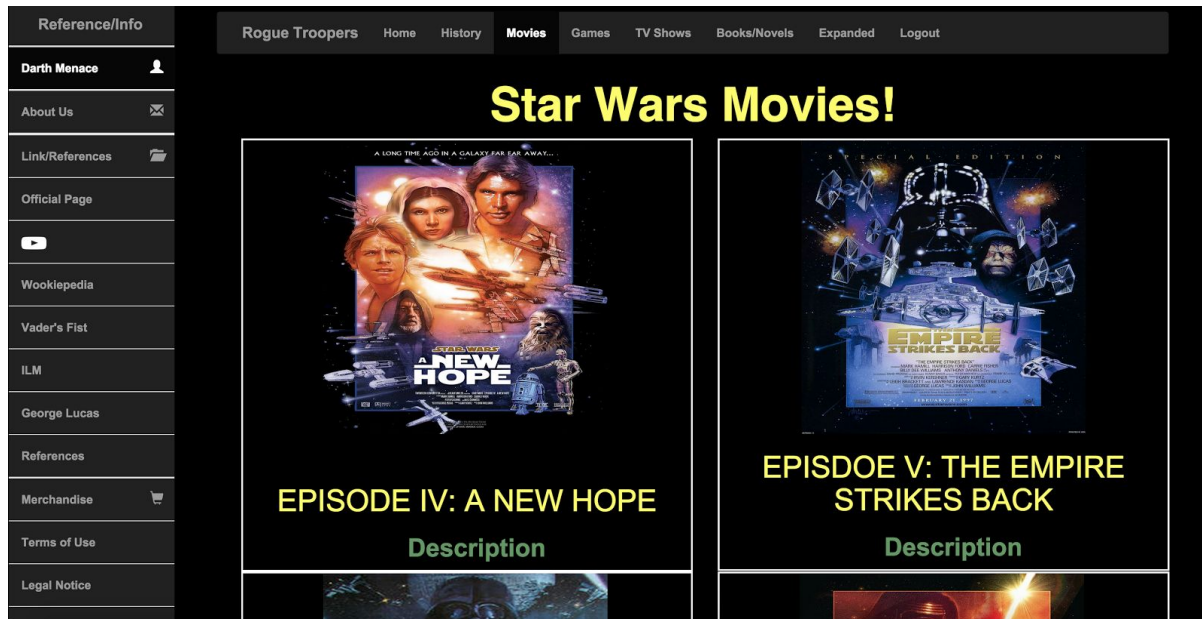
| | |
|---------------|--------------|
| John Williams | James Horner |
| John Barry | Hans Zimmer |

SOCIALLY AWKWARD DROID

PRODUCTIONS

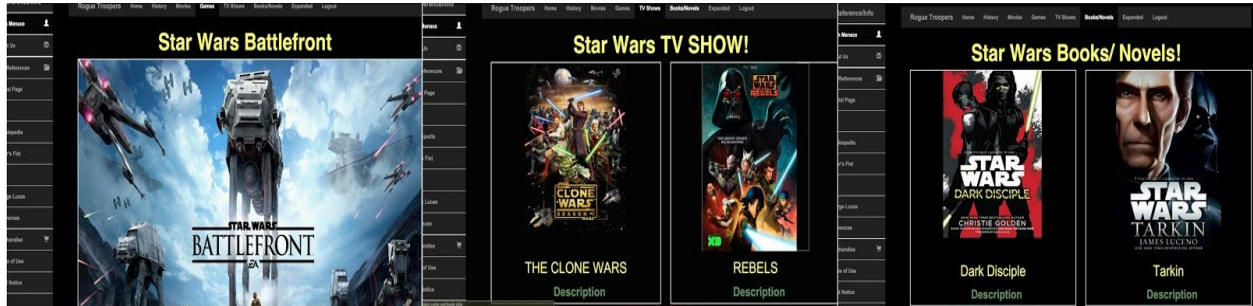
Ask R2D2 Anything!

This is the history page of our website. We have a chronological timeline of the key events of Star Wars history. Note that this isn't about what happened within the Star Wars universe, but during the making of Star Wars. Eg: Key events like the release of the first film, when the prequels came out or when Disney bought Lucasfilm are depicted in the timeline. We also have a small trivia game for the users. Nothing too hard, some basic questions that user can test their knowledge on. Also there's a 'Ask R2D2 Anything' button that allows the user to ask any question related to Star Wars and we'll try to answer them.



This is the movies section, which is the most important part of Star Wars. It all started with the movies, and these movies are what defines the Star Wars mythology. User is provided with a brief description of each of the eight films (7 live action, 1 animated) giving them just enough info on what each film is about. We give the user proper tease and if they are interested, they have the option to go and watch the film. For the upcoming 'The Force Awakens', we have provided a countdown which tells the user exactly how much time is left for its release. The excitement for a new Star Wars film is at its peak, and for those who are counting days, our site makes it easier for them.





The next three sections are similar to the movies section. We talk briefly about the games, TV shows, and Books/ Novels that are canon in the Star Wars universe. The Star Wars canon is what is officially regarded as "canonical", or officially part of a story, in the Star Wars media franchise. We also have a similar countdown for 'Battlefront' in the games section and 'Aftermath' in the Books/ Novels section.

After going through all the contents, user can click on the logout button form the navbar. Once the user logouts, they're taken back to the login page, where they can use the email and password to access our site any time.

LINK TO THE WEBSITE: <http://starwarsproject.netai.net/loginpage.php>

Studied Papers and Materials:

<http://jsfiddle.net/yinnette/XdQ5Y/> timeline

<http://www.hungrypiranha.org/make-a-website/html-quiz> trivia

<http://www.adam-bray.com/blog/98/easy-html-5-css-3-login-form-validation-rules/> login page

<http://www.htmlhelpcentral.com/messageboard/showthread.php?7526-HTML-For-A-Countdown-Clock> countdown

www.starwars.com

starwars.wikia.com/wiki/Main_Page

How Star Wars conquered the Universe -by: Chris Taylor

<http://www.bootply.com/X8w3pTBYSV> Edit Profile Page

<http://www.starwars7news.com/>

<http://io9.com/a-brief-history-of-star-wars-canon-old-and-new-1683320381>

<http://starwars.wikia.com/wiki/Canon>