E-Motion – Escape Reality

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1 Introduction

1.1 The App

The web app was built and designed for users to pick movies, as well as review movies and see how others reviewed them. There is also the opportunity for users to update the database with movies and television shows. Users can only do this by being logged in though, if they do not have an account they have the opportunity to do make one.
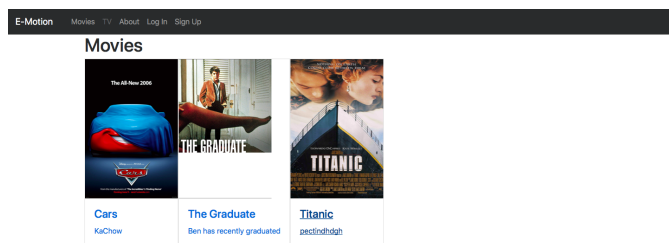

Figure 1: **Home Page**

2 Design

The design is sleek and simple with nothing jumping right in your face. With a white back ground the contrast to the film posters binds well. The navigation bar of the website can be seen across all web pages making the website feel seamless.

3 Enhancements

The first thing that would need to be changed is the fact that with this current version of the web page the user cannot click on a movies poster and be taken to its own page. With this there would be more information on the movies as well as a trailer for each individual movie.

Going onto design because this is a movie website where users can see and review movies making the background dark would be a good feature as movies are often associated with the dark as when at the cinema the lights go down, or even when are home, the lights go off. If users were to use this

website in the dark, they would be met with a glaring white page. A small improvement would be the posters them selves, making them round edged so they did not have such sharp edges would make it more pleasing to the eye.

Figure 2: **Register Page**

4 Critical Evaluation

With this version of the web app, users cannot in fact upload their own information to add to the data base, although the page is there, if they tap submit they are met with an error page. The fact that users can seamlessly sign up to this web app, and for passwords to be encrypted with hash and salt, the developer has shown an security interest for their users. As well as this, users cannot have the same username, so if a user tries to sign up with an already existing username they

will be show an error. The log in also functions well, as if username and password within the data base do not match then the user will be be able to log in. A neat function would be that when the user is signing up to the website, they have to input their password twice, if there do not match they must refill those fields in again, as users must make sure that they repeat the same password.

4.1 Code Listing

Listing 1: How Each Element in the JSON is desplayed

```
1 {% for d in data %}
2    <a href="/{% print(d) %}/">
3      <div class="card">
4        <img class="card-img-top" src="static/images/{% print(
         data[d]['img_src']) %}"  style="height:300px; width:200px;
         " alt="Card image cap">
5        <div class="card-block">
6          <h4 class="card-title"> {% print(data[d]['Title']) %}</
         h4>
7          <p class="card-text">{% print(data[d]['Plot']) %}</p>
8        </div>
9      </div>
10   </a>
11 {% endfor %}
```

5 Personal Evaluation

Working on this project was not stress free, as small bugs came about and crashed the whole website, as the developer was working on a server for the first time it took them a while to realise that there was in fact a log file for when errors occurred, had they know this earlier the web app could have been a little more developed. Trying to get the individual film web pages up was difficult and with this version of the app was unsuccessful, trying to get from a json file and then incorporate it into the URL proved ridiculously hard and could not get their head around it. Reading from JSON was fine, however the uploading of data to a JSON file was difficult, as resources online seemed limited, the developer managed to display what the user input in the upload page in a JSON format on a separate URL however posting that information to JSON proved difficult.

6 Conclusion

This web application has so much potential and the developer will keep working on it to let it become a live website as he has had fun developing this website and want to continue to improve it. It's a great start to a website, with little to do but allow users to upload their own data and just let the database grow with more feature to be added in the future, this could be come a great website.