



Final project.

Report document.

Course: WEB technologies.

Title: MovieTime (MT).

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Group: BD-2004.

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1. Introduction

I created the website which is necessary for watching movies online with recommendations and descriptions for each movie. This software project will help to the users to find out interesting movie, also they can firstly watch teaser for this movie then decide, in addition to this, platform has contact button to get communication with creators. The design of the website is simple6 basic, user-friendly, and with eye-catching interface. Ordinary, my platform provides basic movie website for users.

1.2 Intended audience and reading suggestions

This project is a prototype for the movie website and it is restricted within the college premises. This has been implemented under the guidance of university teachers. This project is useful for the users.

2. Main information:

2.1 Full name of the website and its abbreviation

MovieTime (MT).

2.2 Information regarding developer of the platform

Shutenov Batyrkhan (Kazakhstan)

2.3 Contact information

201028@astanait.edu.kz

<http://www.linkedin.com/in/batyrkhan>

2.4 Project timelines

Start date: 03.03.2021

End date: 16.03.2021

3. The main purpose of creating website

3.1 Relevance

Nowadays, in the world, watching movies gain popularity day by day, we can see it from Netflix company, who is leading in this way, therefore that is one of the reasons to create such type of website.

3.2 Difference from the existing webpages

It can support multiple screen sizes, which comfortable to the users, these days developer's main purpose is to create user-friendly and comfortable platform to use in own purpose. Due to the increasing scope in the technology rate, people want platforms like that.

3.3 Description and priority

The "MovieTime" platform maintains information regarding films, serials, genres, personal preferences, prices, and date of release. Of course, this project has a high priority because it is very difficult to find out reliable platform to watch movies.

3.4 Uses

The website can be used on the field of watching films, serials, if users have a wish to relax and chill.

3.5 Objectives

- Deciding the idea of a project and planning its further development.
- Analysis of the existing similar information systems.
- Creating a draft version.
- Searching necessary and relevant information for the website content.
- Development of a main page of the website.
- Testing and debugging.
- Improvement of the project.

4. External Interface requirements

4.1 User interface

- Front-end: HTML, CSS, Bootstrap, and Javascript + jquery

4.2 Hardware interfaces

- Windows
- A browsers supports CGI, HTML and Javascript

4.3 Software interfaces

Operating system: Windows, MacOS, Linux

4.4 Communication interfaces

This project supports all types of web browsers: Chrome, Edge, Yandex, Mozilla...

5 Nonfunctional requirements of the webpage

5.1 Future optimization and development

Our team will add new configures also database and backend of the project by using node.js + mongo DB, and we will create personal account for the users.

5.2 Normalization

The basic objective of normalization is to reduce redundancy which means that information is to be stored only once. Storing information several times leads to wastage of storage space and increase in the total size of the data stored. If a database is not properly designed it can give rise to modification anomalies. Modification anomalies arise when data is added to, changed or deleted from a database table. Similarly, in traditional databases as well as improperly designed relational databases, data redundancy can be a problem. These can be eliminated by normalizing a database.

5.3 Safety requirements

If there is extensive damage to a wide portion of the database due to catastrophic failure, such as a disk crash, the recovery method restores a past copy of the database that was backed up to archival storage (typically tape) and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed up log, up to the time of failure.

5.4 Security requirements

Security systems need database storage just like many other applications. However, the special requirements of the security market mean that vendors must choose their database partner carefully.

5.5 Software quality attributes

The webpage has the main 5 attributes of effectivity:

- **AVAILABILITY:** The website should be able to represent movies with the descriptions and teasers, if user wants to find out more information of this.
- **USABILITY:** The list of movies should satisfy a maximum number of customers needs.
- **ATTRACTIVE DESIGN:** It made by design principles and also to display website more appealing there were added bootstrap classes and functionality.
- **RELEVANCY**
- **RELIABLITY**

6 Design of the website

6.1 Aesthetic look

The pages of a website are very attractive, convenient to use and easy to understand. The main page is divided into several basic parts such as navigation bar, carousel block, which is made by bootstrap, information about films in the films catalog, information about every genre about films, and information about the serials, finally at the bottom of course found footer. Subtle hints provide users with enough information about the website and each option. It leads the visitors through the site content in a simple and user-friendly way. There are also many colorful images that help visitors visualize the information.

6.2 Choice of style

The website is done in classic style with elements of Hi-Tech design. It is the best option since it makes a website look neat and visually appealing. All sections are accurately organized and linked. There are enough images and animations to make the process of planning nutrition more entertaining, yet these multimedia elements are not exasperating or inappropriate.

6.3 Color solution

The website is done in bright colors palette, which is very effective at giving a modern and entertaining visual. This color solution is clean and pleasing to look at, thanks to its soft and bright combination. It also draws attention and highlights focal elements by adding vibrant feature images into the mix.

7 References

7.1 Sources for content information

<https://www.kinopoisk.ru/lists/films/>

<https://www.film.ru/online>

<https://batyr23.github.io/Kinomonster>

<https://megogo.net/ru/films>

<https://batyr23.github.io/verstka>

7.2 Sources for implementation in technical(programming) aspects

[Home | htmlbook.ru](#)

<https://www.w3schools.com/jquery/>

<https://www.w3schools.com/bootstrap4/>

<https://learn.javascript.ru>