

Visoka skola strukovnih studija za
informacione i komunikacione
tehnologije

HomeTheater

<http://hometheater.epizy.com>

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje PHP 1

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1. Uvod

Korišćeni programski jezici

Za izradu sajta korišćene su sledeće tehnologije:

- PHP (Xampp)
- HTML 5
- CSS 3/ SASS
- Bootstrap
- JavaScript
- jQuery
- jQuery plugin - nicescroll
- Visual Studio Code
- Photoshop
- Mockplus

Opis funkcionalnosti

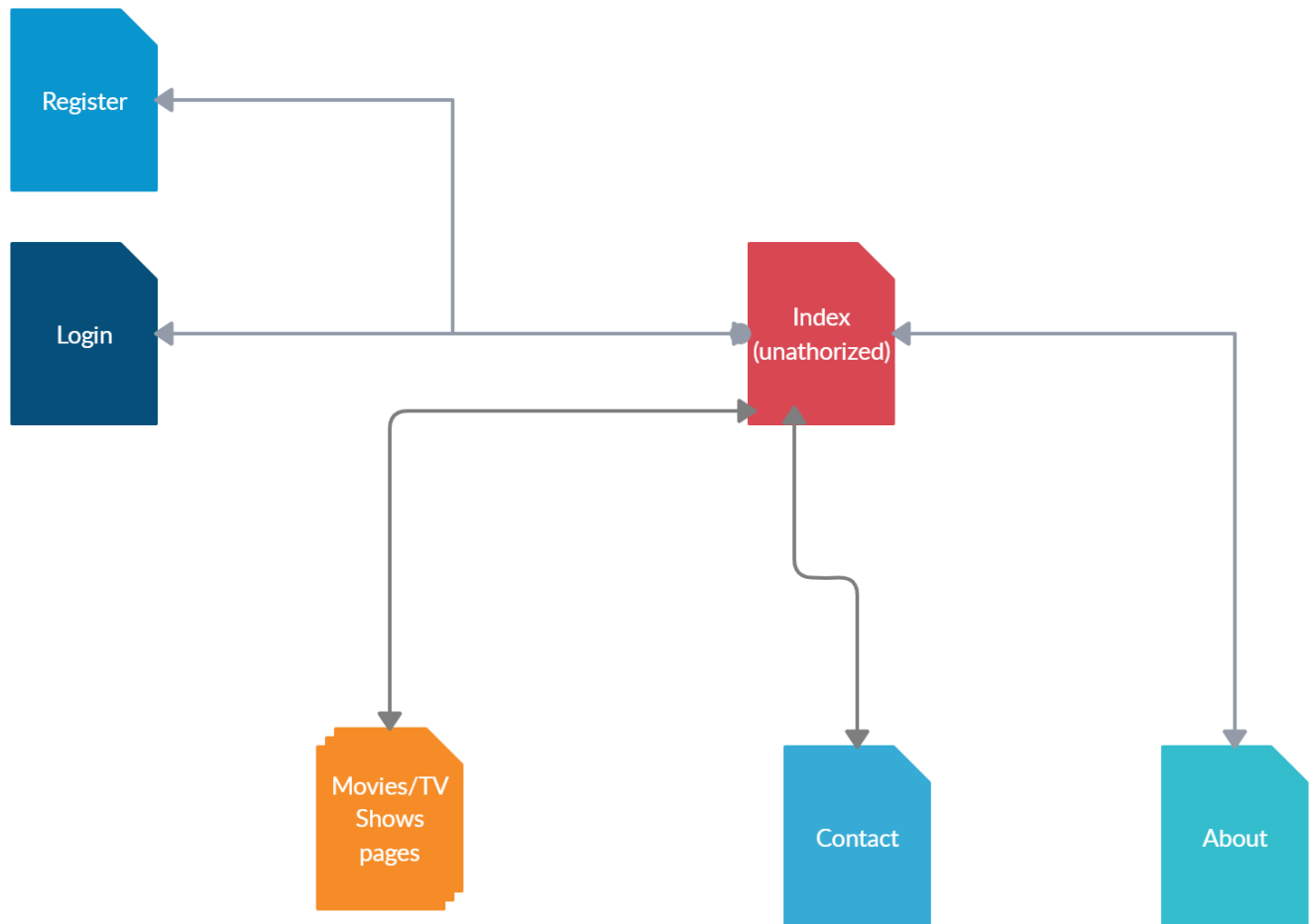
Sajt poseduje sledeće funkcionalnosti:

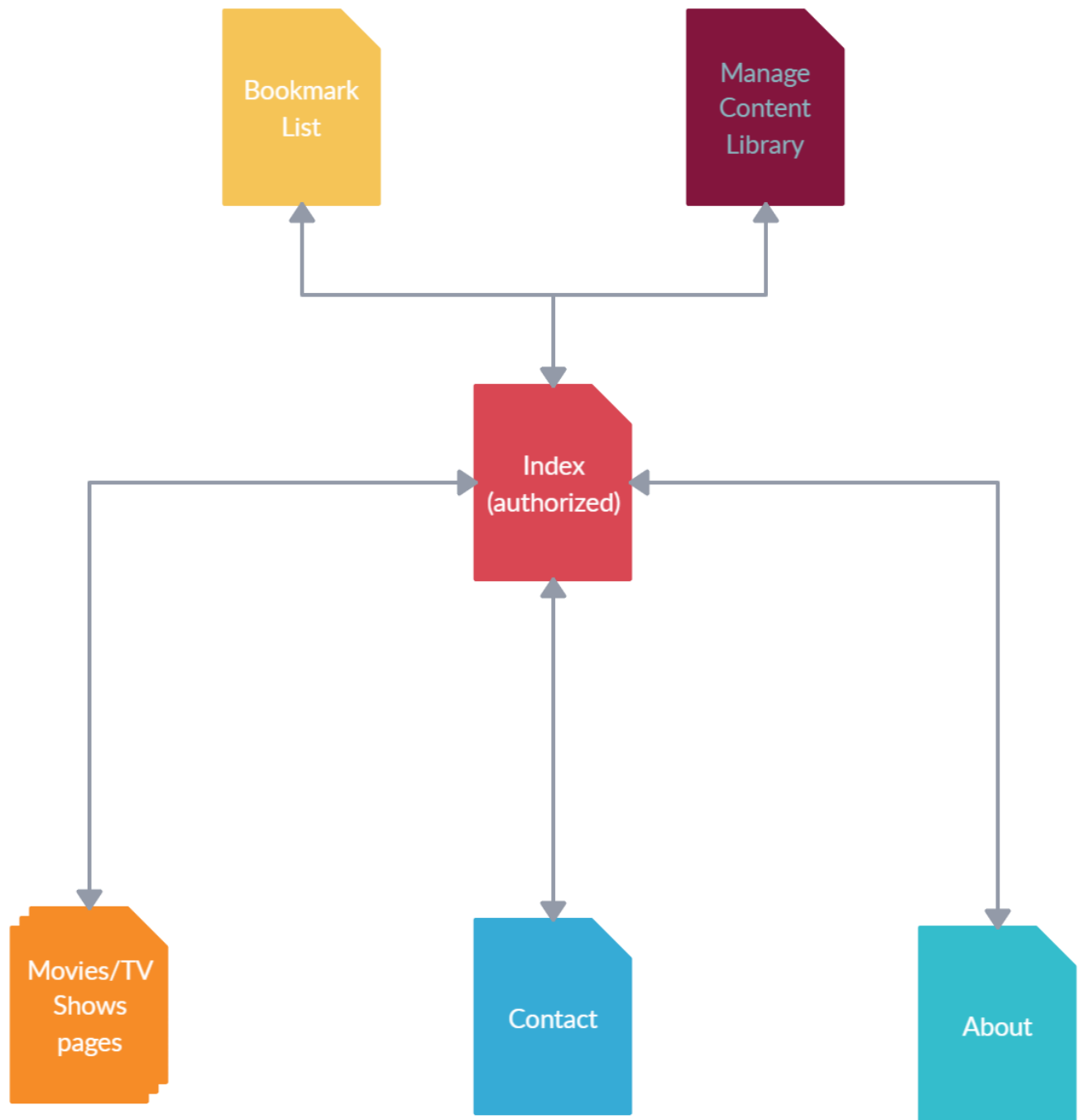
- Dinamicko učitavanje navigacionog menija, menija u futeru, i account panel menija
- Dinamicko učitavanje naslovnica filmova i serija
- Slajder najnovijih filmova

- Anketa i pamćenje odgovora ankete
- Registracija/logovanje
- Pravljenje bookmark liste filmova i serija
- Admin panel – upis novih filmova/serija, izmena i brisanje
- Filtriranje filmova/serija po kategoriji, sortiranje istih, kao i pretraga po naslovu
- Kontakt forma za slanje mail-a administratoru, validacija unetih podataka na klijentskoj i serverskoj strani

2. Organizacija

Organizaciona šema





Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset
  xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
    http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">

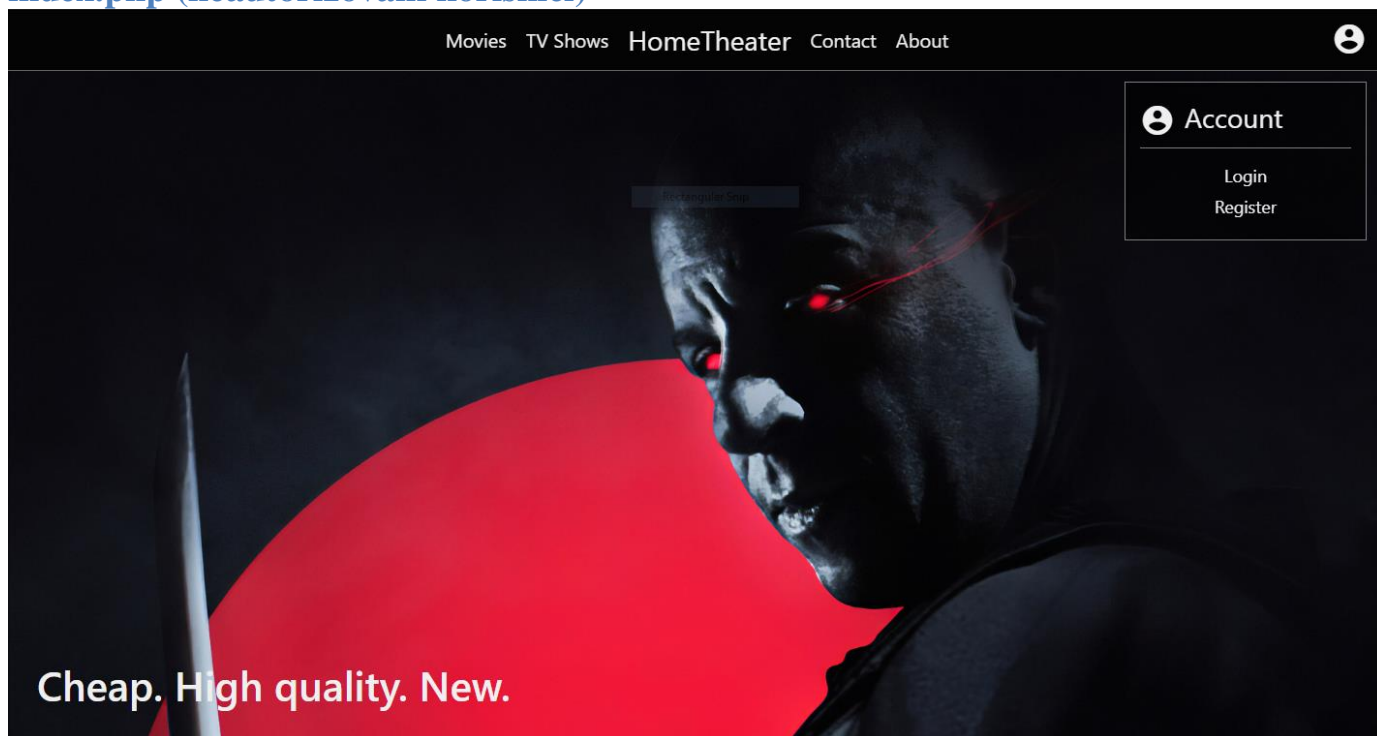
<url>
  <loc>http://hometheater.epizy.com</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>1.00</priority>
  <changefreq>daily</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/movies.php</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>0.90</priority>
  <changefreq>daily</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/tvshows.php</loc>
  <lastmod>2020-03-18</lastmod>
  <priority>0.90</priority>
  <changefreq>daily</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/contact.php</loc>
  <lastmod>2019-02-18</lastmod>
  <priority>0.70</priority>
  <changefreq>monthly</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/about.php</loc>
  <lastmod>2019-03-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/login.php</loc>
  <lastmod>2020-02-18</lastmod>
  <priority>0.80</priority>
  <changefreq>monthly</changefreq>
```



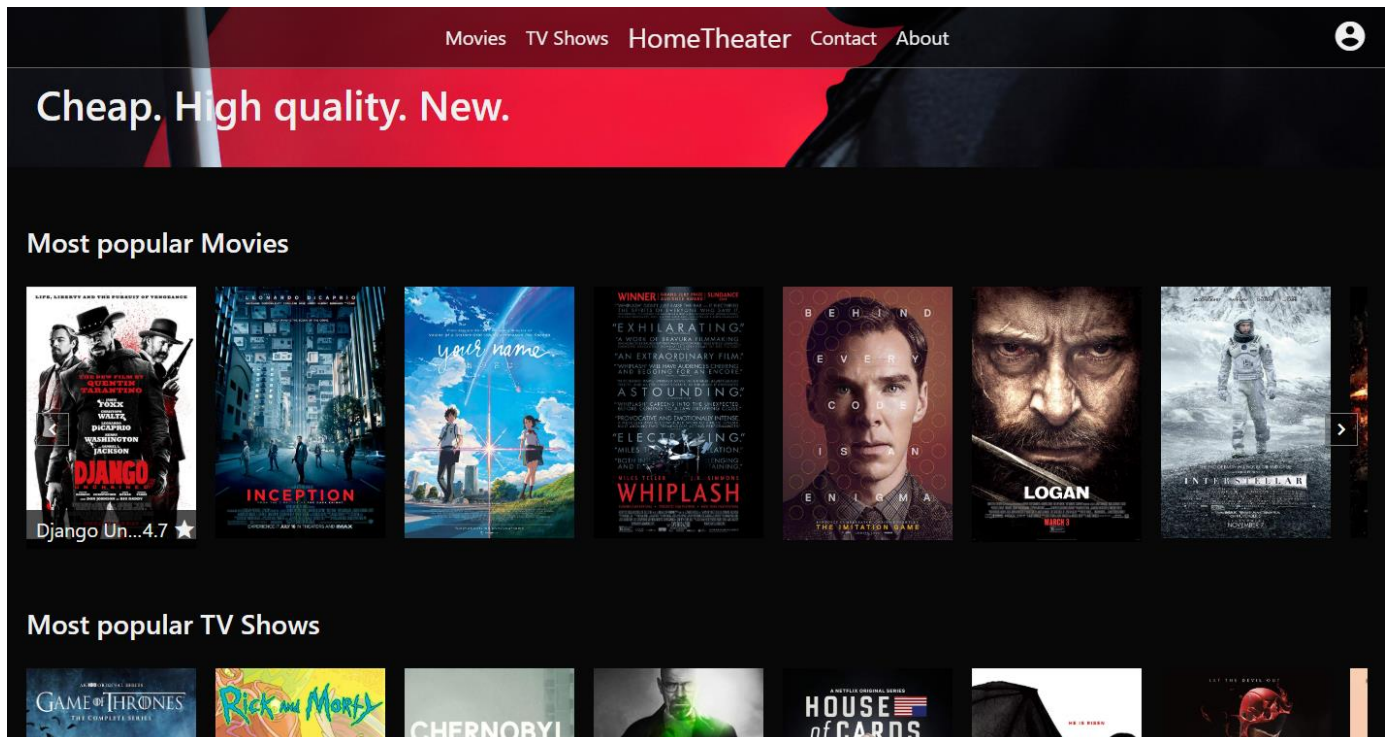
```
</url>
<url>
  <loc>http://hometheater.epizy.com/register.php</loc>
  <lastmod>2020-02-18</lastmod>
  <priority>0.80</priority>
  <changefreq>monthly</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/auth/manage_content_library.php</loc>
  <lastmod>2019-03-18</lastmod>
  <priority>0.60</priority>
  <changefreq>yearly</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/auth/bookmarks.php</loc>
  <lastmod>2019-02-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
</url>
<url>
  <loc>http://hometheater.epizy.com/logout.php</loc>
  <lastmod>2019-02-18</lastmod>
  <priority>0.50</priority>
  <changefreq>yearly</changefreq>
</url>
</urlset>
```

Opis stranica sajta

[index.php](#) (neautorizovani korisnici)

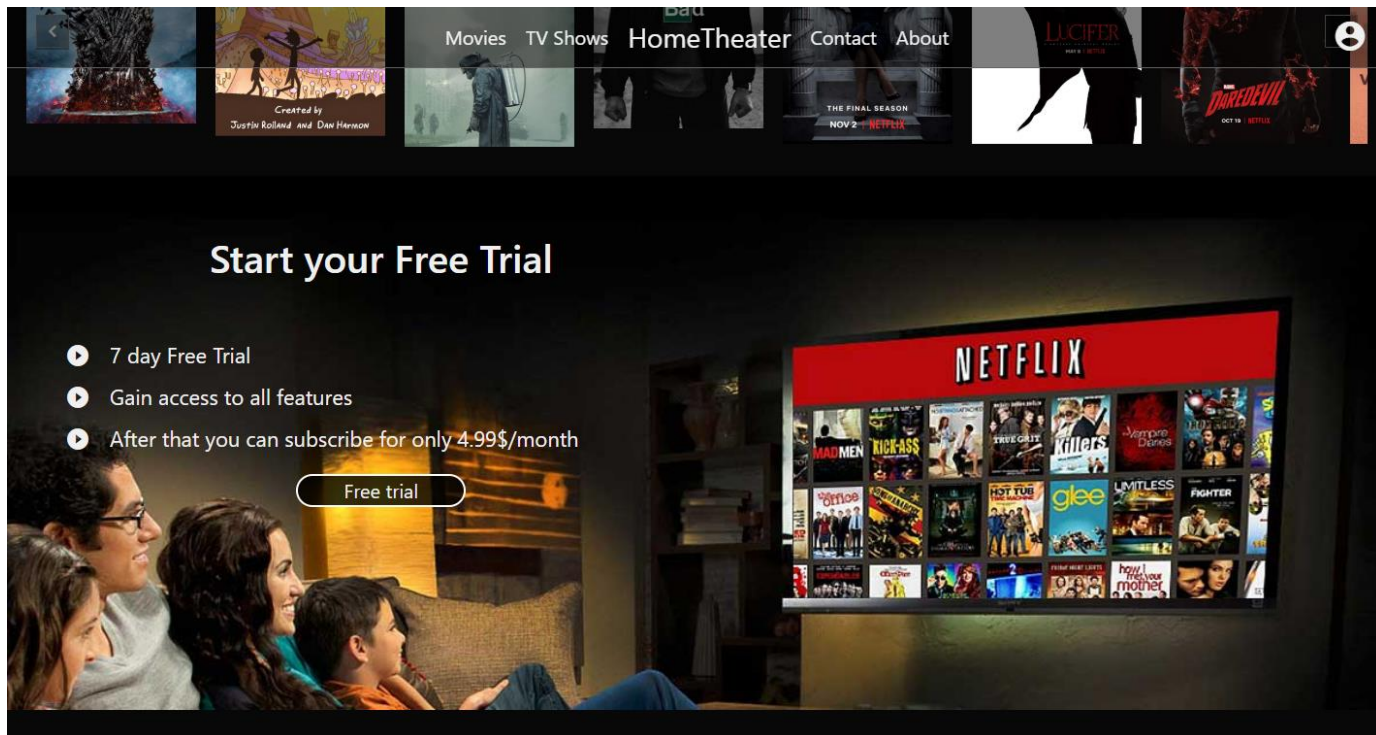


Na svakoj stranici se nalazi dinamički učitani navigacioni meni koji je fiksni, a u gornjem desnom uglu se nalaze dugme koje otvara dijalog sa linkovima ka login-u/registraciji.

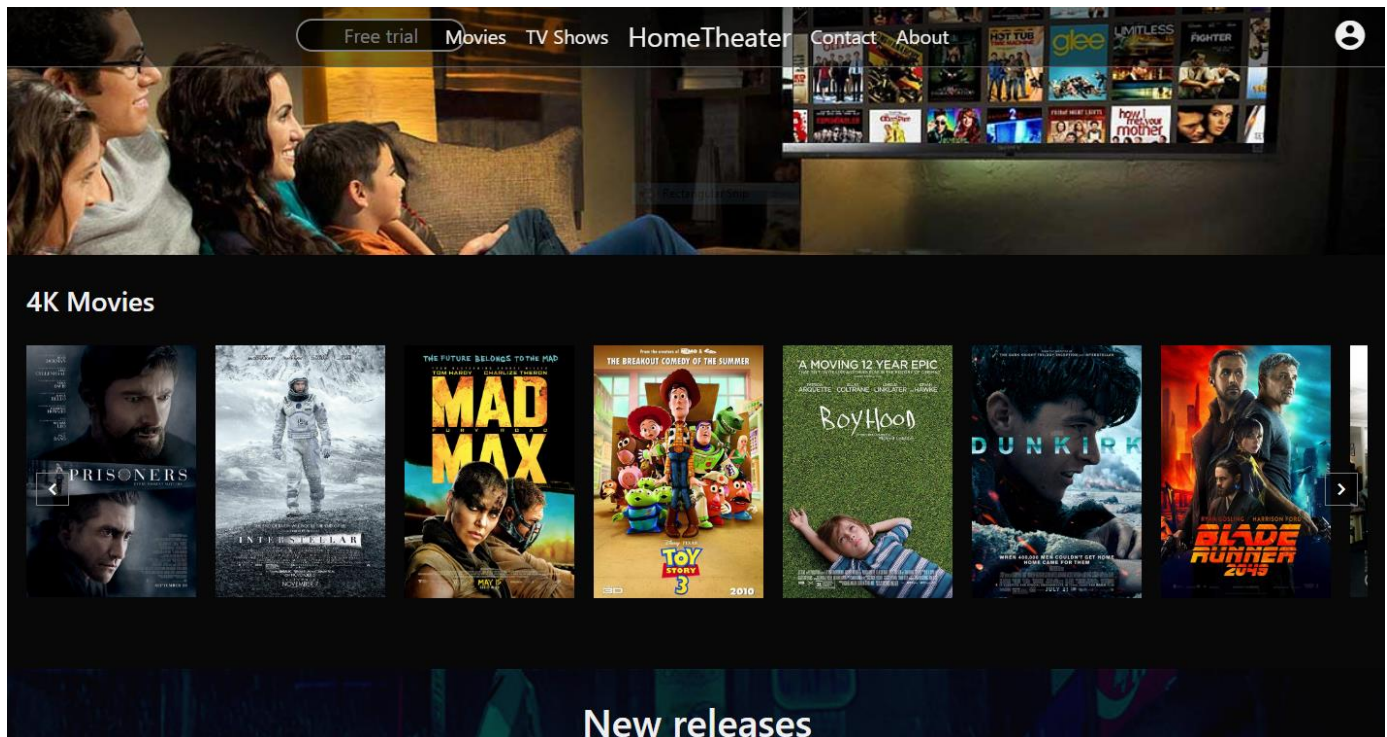


Potom imamo dve sekcije sa najpopularnijim filmovima i serijama. Sa leve i desne strane sekcije, nalaze se navigacioni dugmici koji skroluju sekciju u horizontalnom smeru.

Prelaskom misa preko stavke sekcije (filma/serije), prikazuje se ime tog filma, kao i prosečna ocena od svih korisnika koji su ocenili film.



Staticka sekcija za besplatno testiranje sajta na 7 dana.



Nakon toga imamo sekciju sa listom filmova u 4K rezoluciji.



New releases



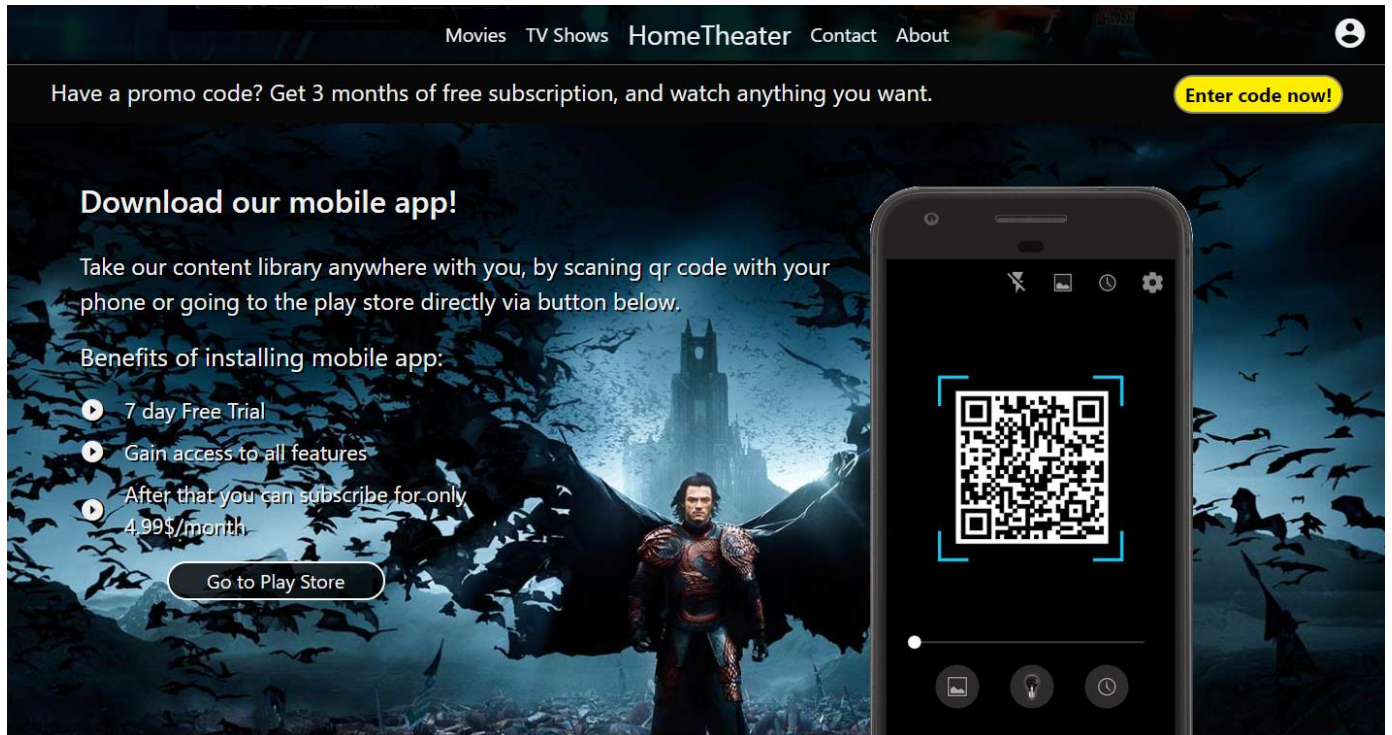
Blade Runner 2049

Thirty years after the events of Blade Runner (1982), a new Blade Runner, L.A.P.D. Officer "K" (Ryan Gosling), unearths a long-buried secret that has the potential to plunge what's left of society into chaos. K's discovery leads him on a quest to find Rick Deckard (Harrison Ford), a former L.A.P.D. Blade Runner, who has been missing for thirty years.

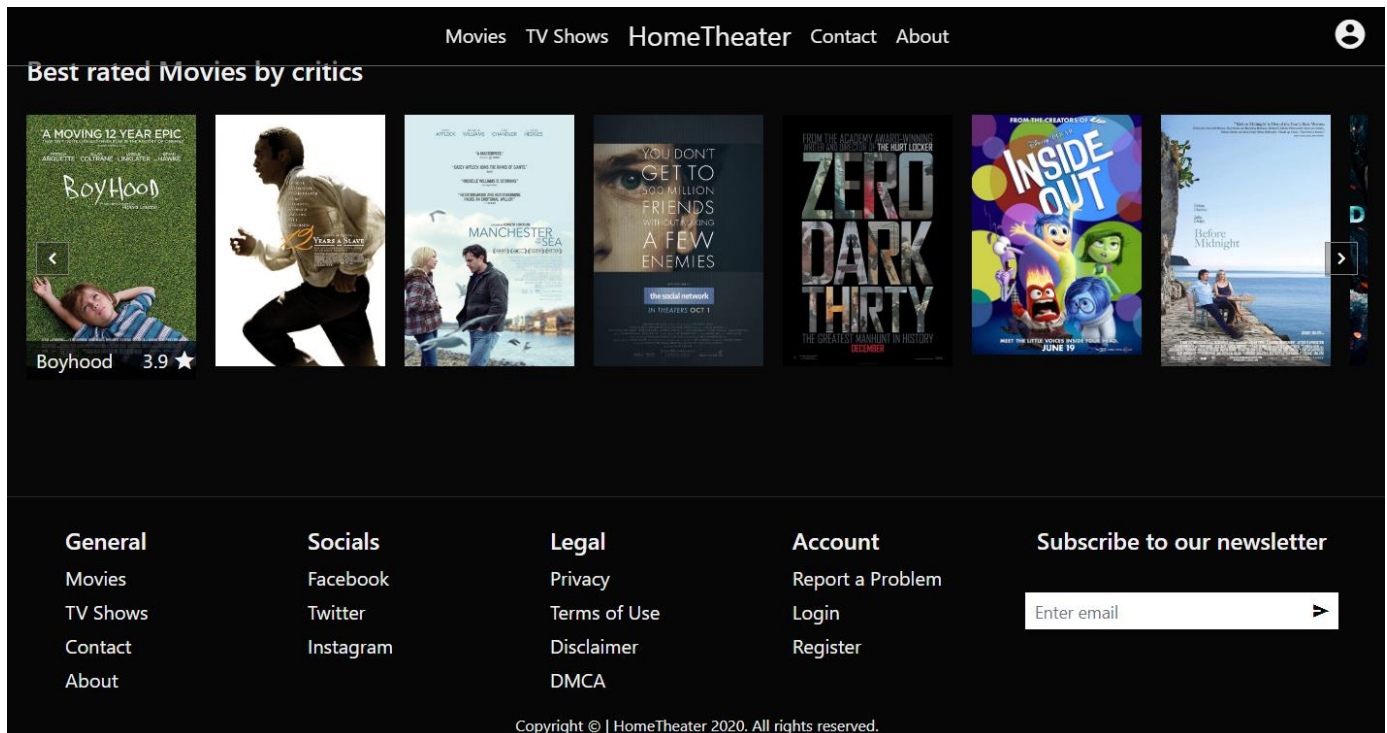
Watch now

Posle sekcije sa 4k filmovima, nalazi se slajder sa najnovijim izdanjima filmova i serija.

Sa strane naslovnice nalaze se dugmici koji ucitavaju sledeci/prethodni film, odnosno seriju.

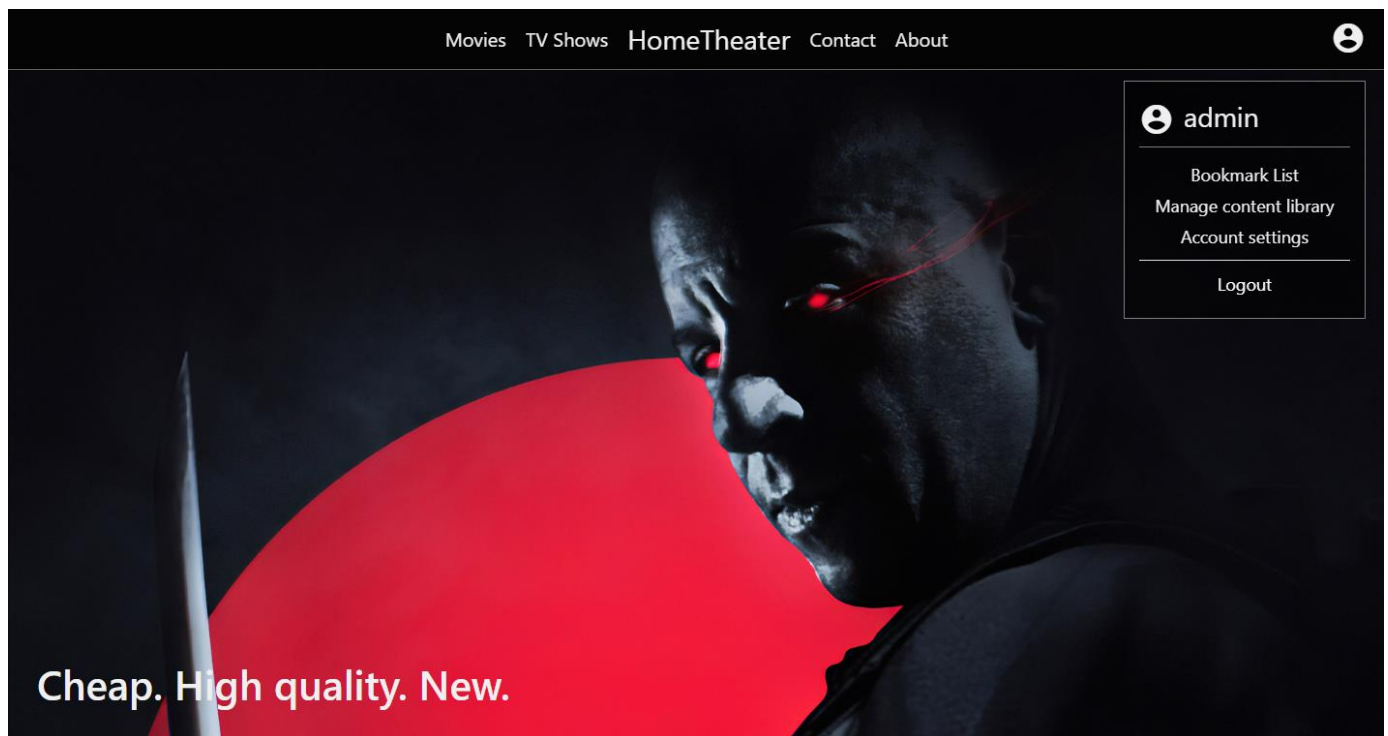


Dve staticke sekcije za unosenje promo koda za popust na pretplatu i za promovisanje mobilne aplikacije.



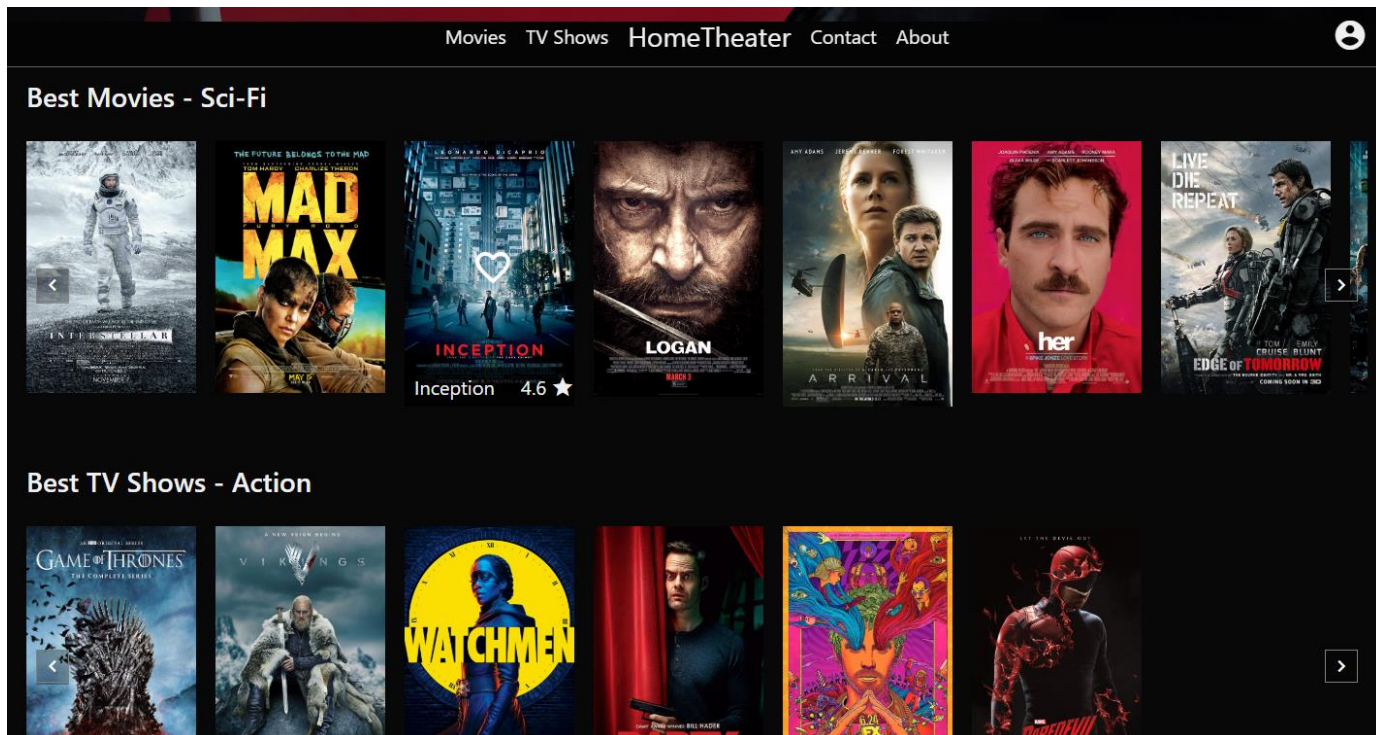
Odmah ispod nalazi se sekcija sa filmovima najbolje ocenjenim od strane kriticara kao i futer sa dinamiciki ucitanim linkovima.

index.php (autorizovani korisnici)



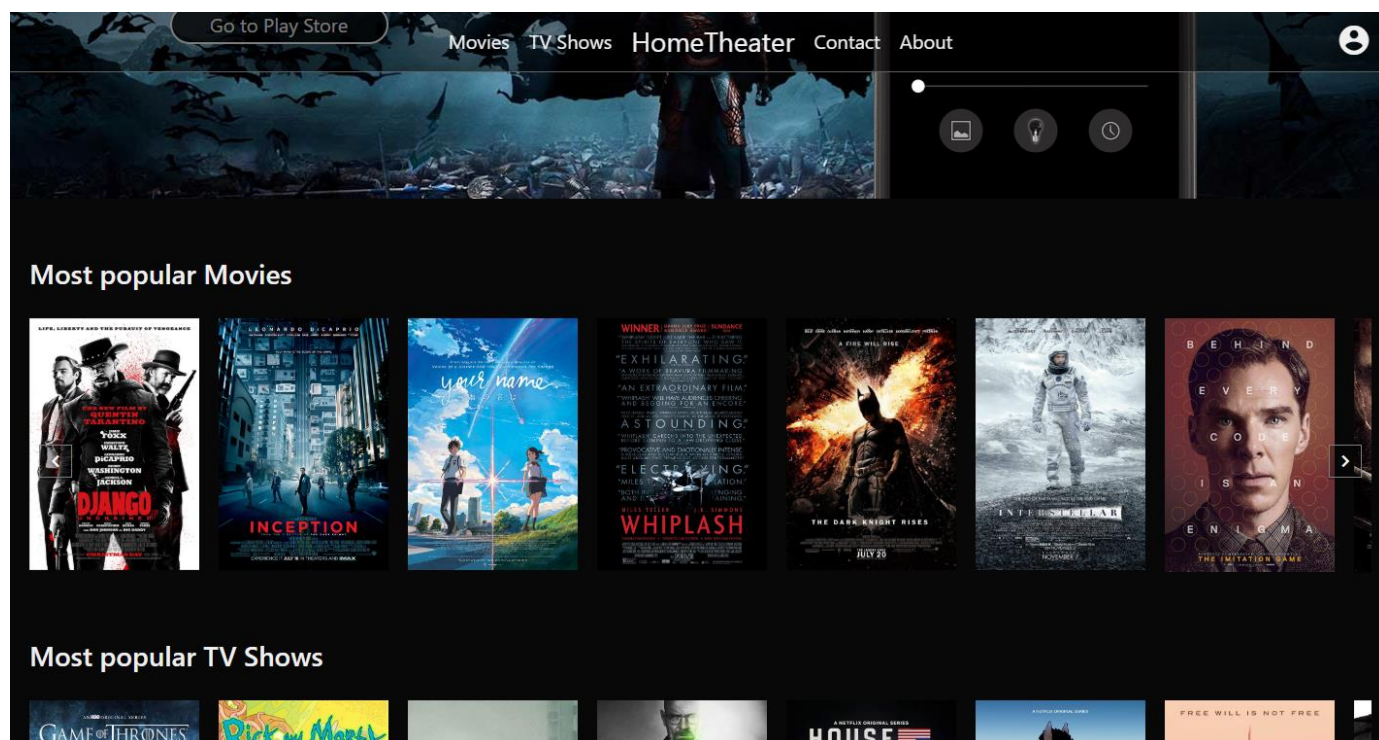
Dijalog za nalog kod autorizovanih korisnika ima linkove koji su prikazani na slici iznad, s tim što samo admin nalozi imaju link »Manage content library«, dok ostali autorizovani korisnici nemaju.

P.S. Link »Account settings« je samo dekoracija/za popunu prostora menija.



Na pocetnom delu stranice nalaze se dve sekcije sa filmovima i serijama sa nasumicno odabranim kategorijama.

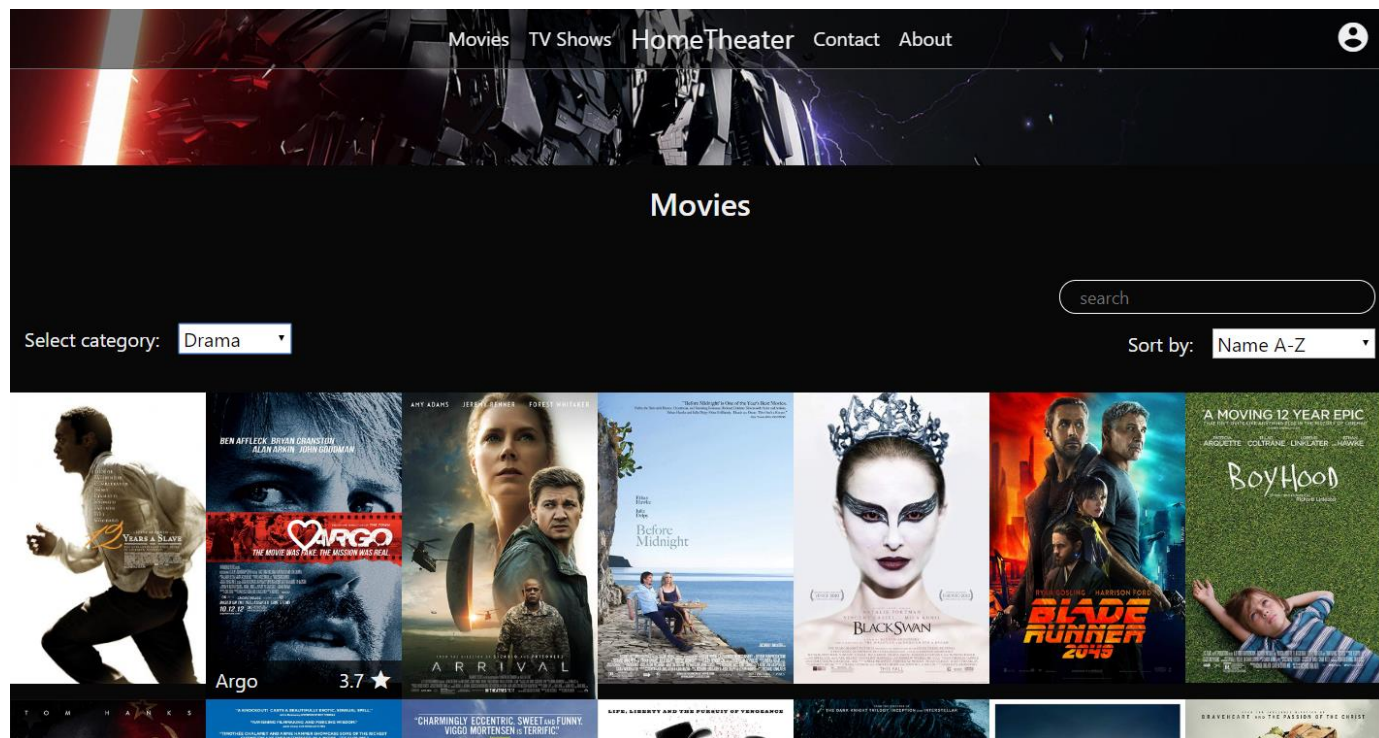
Prelaskom misa preko bilo kojeg filma/serije pojavljuje se srce, cijim se klikom taj film/serija dodaje u boemark listu za ulogovanog korisnika.



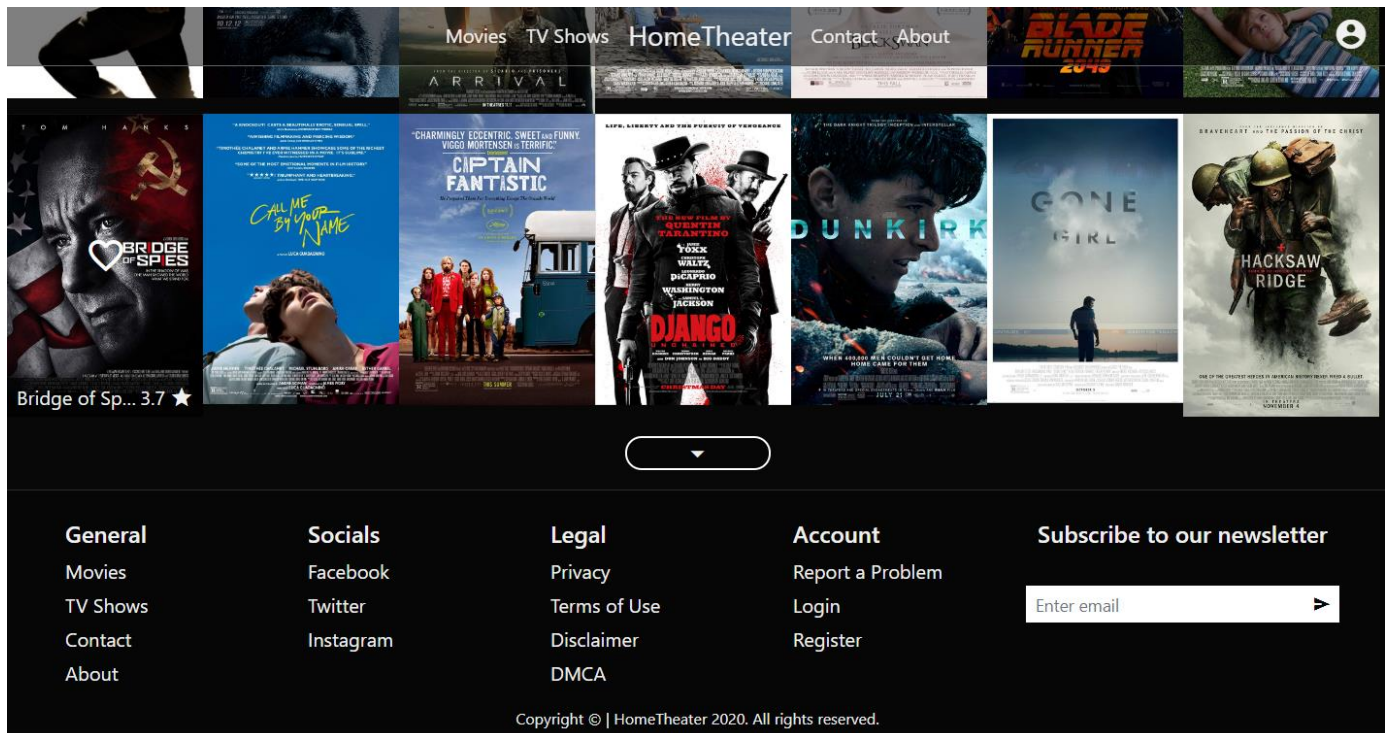
Sekcije »Most popular Movies« i »Most popular TV Shows« su ostale nepromenjene, i pomerene su na dno stranice, gde su pre bile pri vrhu kod neautorizovanih korisnika.

Sekcije »New releases«, »4K Movies«, sekcija za mobilnu aplikaciju, kao i futer ostali su nepromenjeni.

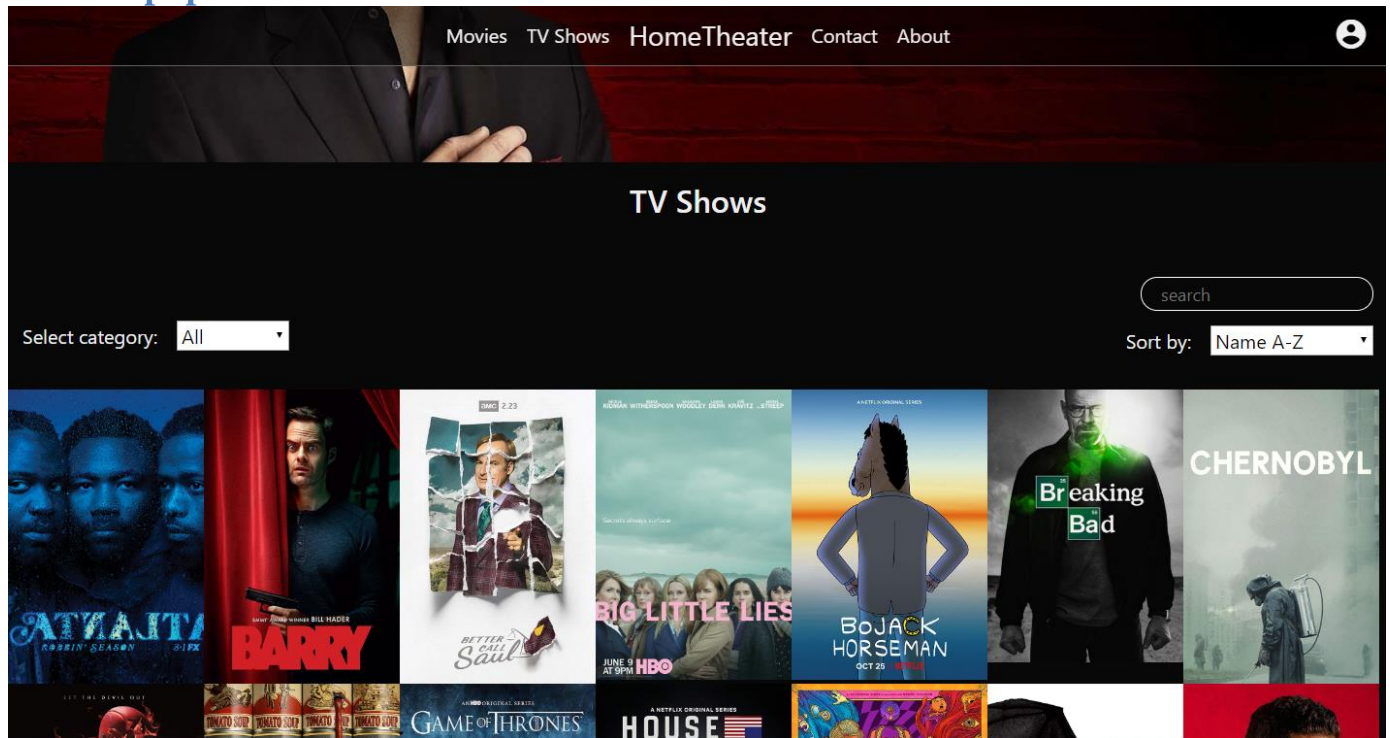
Sekcija za promo kod je sakrivena kod autorizovanih korisnika.



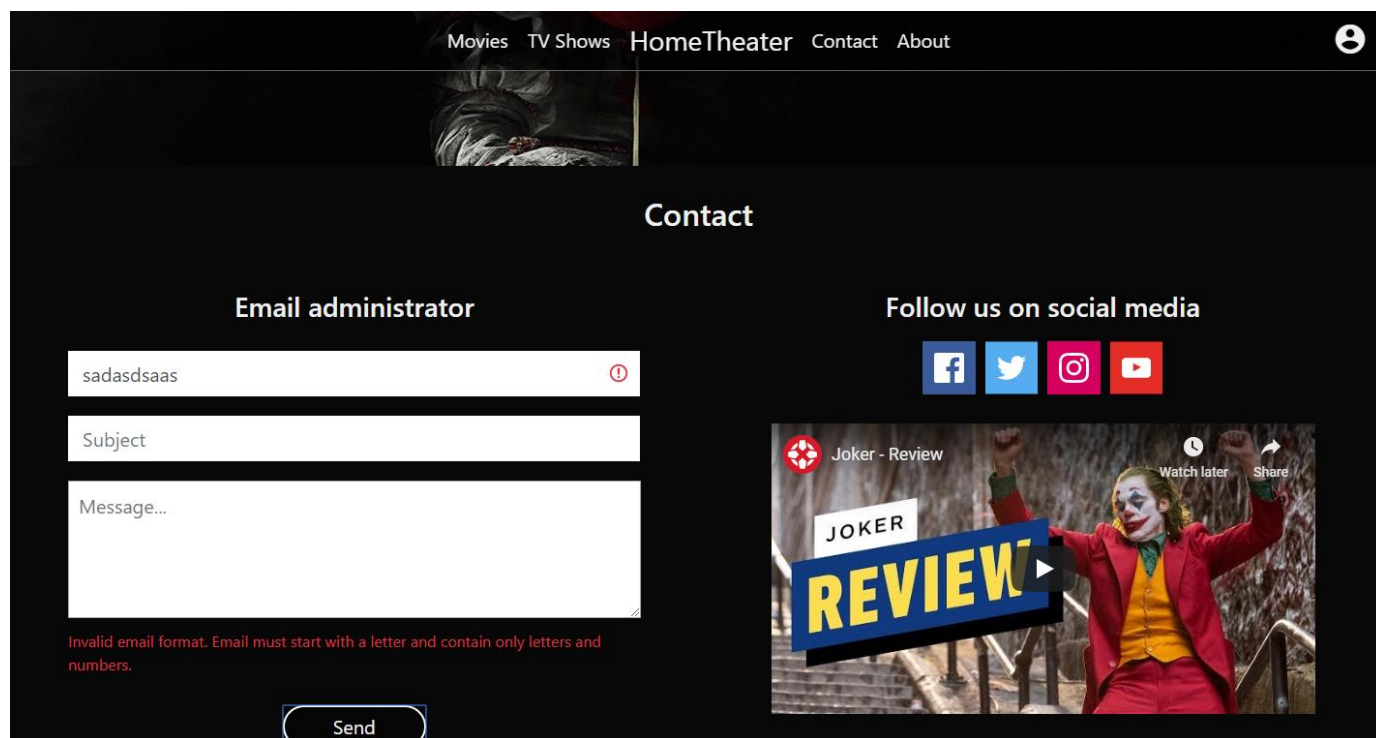
Stranica za prikaz svih filmova. Sadrzi filter za kategoriju filma, dropdown za sortiranje prikazanih filmova, kao i tekstualno polje sa pretrazivanje filmova po naslovu.



Pri dnu liste nalazi se dugme za učitavanje još filmova po izabranom filteru. Ukoliko nema dodatnih filmova za učitavanje, dugme se sakriva.



Stranica za prikaz svih serija je po funkcionalnosti identicna kao i stranica za prikaz filmova.



Movies TV Shows HomeTheater Contact About

Contact

Email administrator

sadasdsaas ⓘ

Subject

Message...

Invalid email format. Email must start with a letter and contain only letters and numbers.

Send

Follow us on social media

Facebook Twitter Instagram YouTube

Joker - Review

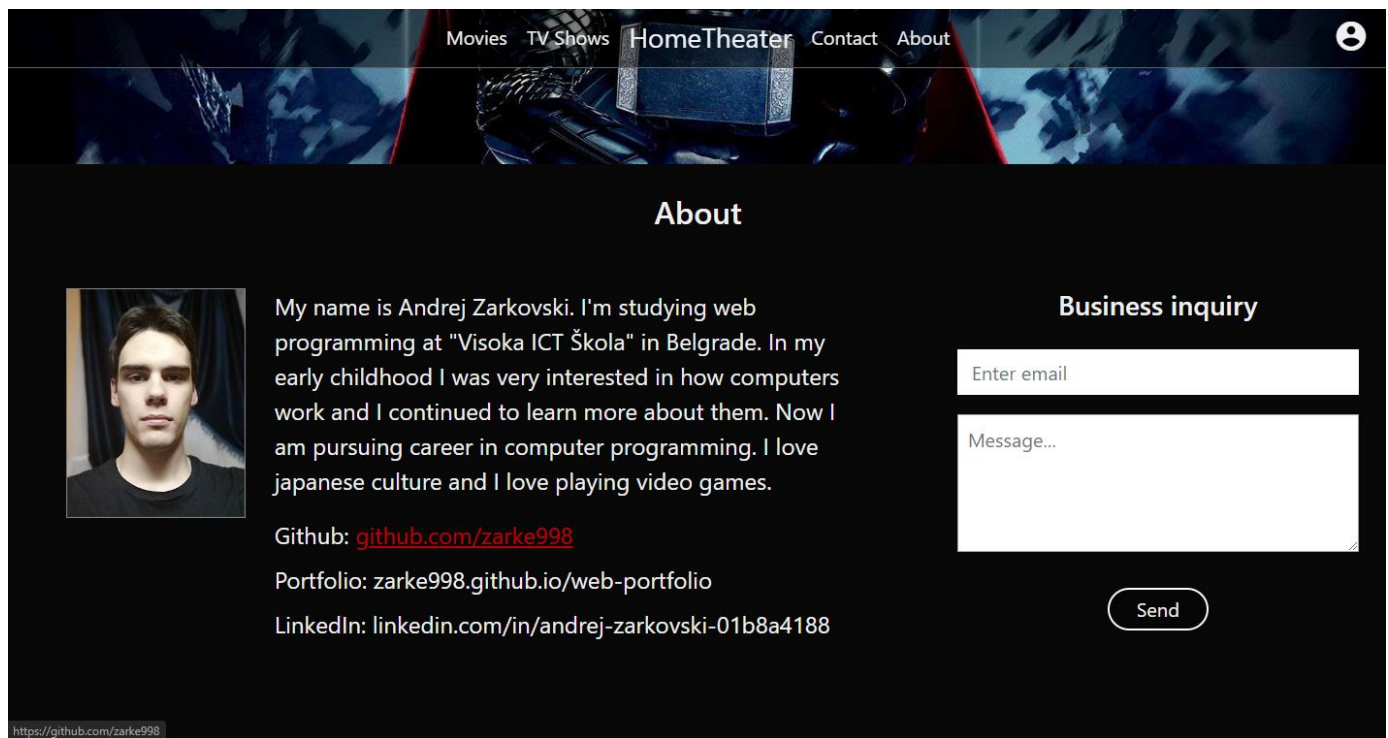
Watch later Share

JOKER

REVIEW

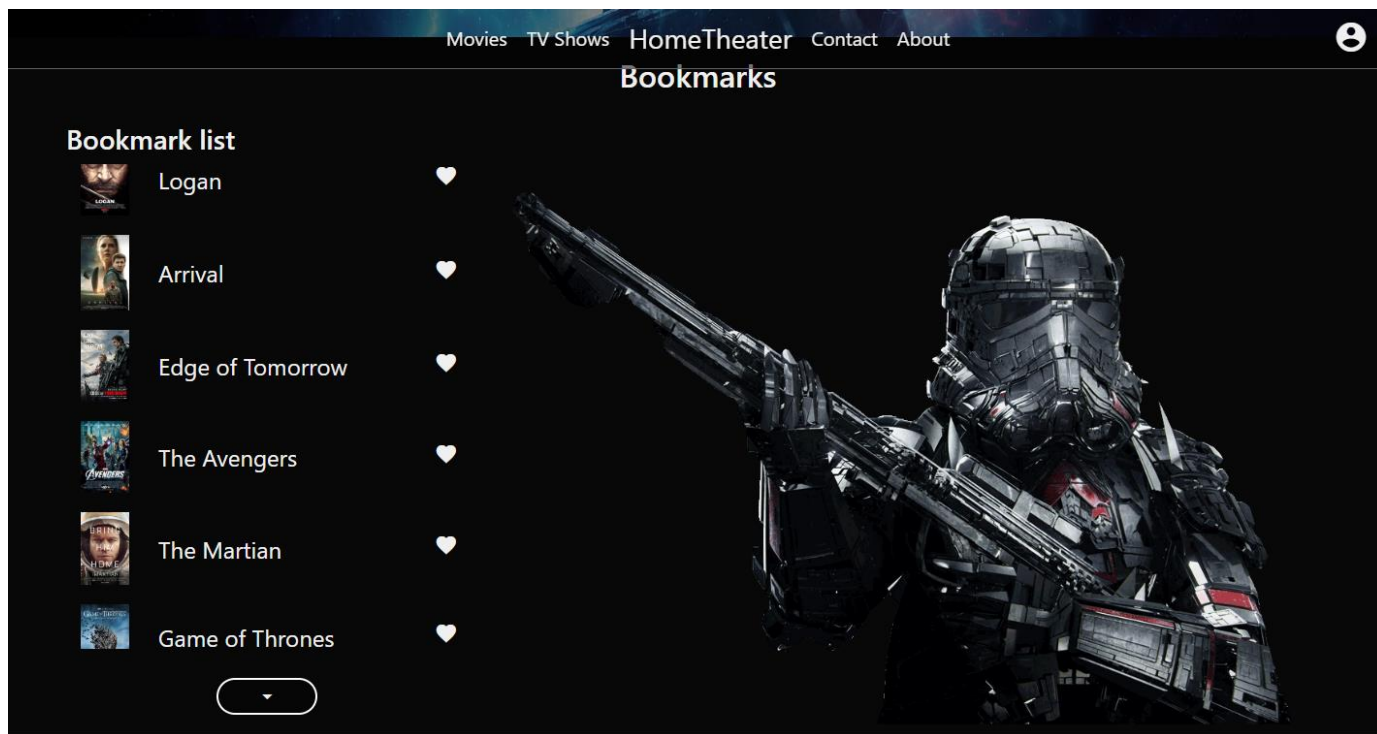
Na stranici za kontakt sa leve strane nalazi se forma za slanje mail-a administratoru. Unosom ispravnih podataka prikazuje se poruka da je mejl uspesno poslat. A pri neispravnom unosu, ispisuje se poruka crvenim slovima, kao na slici iznad, o tipu greske.

Sa desne strane nalaze se linkovi ka socijalnim mrezama, kao i video klip o najnovijoj recenziji na youtube kanalu.



Na stranici o autoru sa leve strane nalazi slika, kratka izjava autora i linkovi ka bitnim stranicama koje se ticu autora.

A sa desne strane nalazi se forma za slanje biznis mejla autoru. Ponasanje forme je identicno kao na stranici za kontakt.



Stranica »Bookmarks« namenjena je samo autorizovanim korisnicima. Na stranici se nalazi lista zapamcenih filmova/serija od strane korisnika. Pored svakog filma/serije nalazi se srce, cijim se klikom film/serija brise iz bookmark liste.

Pri dnu liste se nalazi dugme za učitavanje jos zapamcenih filmova/serija. Ukoliko nema dodatnih filmova/serija dugme se sakriva.

The screenshot shows a web application interface for managing a movie library. At the top, there is a navigation bar with links: 'Movies', 'TV Shows', 'HomeTheater', 'Contact', and 'About'. A user profile icon is in the top right corner. The main heading is 'Manage library'. Below this, there is a 'Select content type:' dropdown menu currently set to 'Movies', and a search bar on the right. The main area displays a grid of movie cards. Each card includes a movie poster, the title, release year, runtime, Metascore, and an 'Edit' button. The movies shown are:

Movie	Release year	Runtime	Metascore
Interstellar	2014	169min	74
Inception	2010	148min	74
Logan	2017	137min	77
Arrival	2016	116min	81
Edge of Tomorrow	2014	113min	71
The Avengers	2012	143min	69
The Martian	2015	144min	80
Prisoners	2013	153min	74

 At the bottom of the grid, there is a dropdown arrow and a plus sign button.

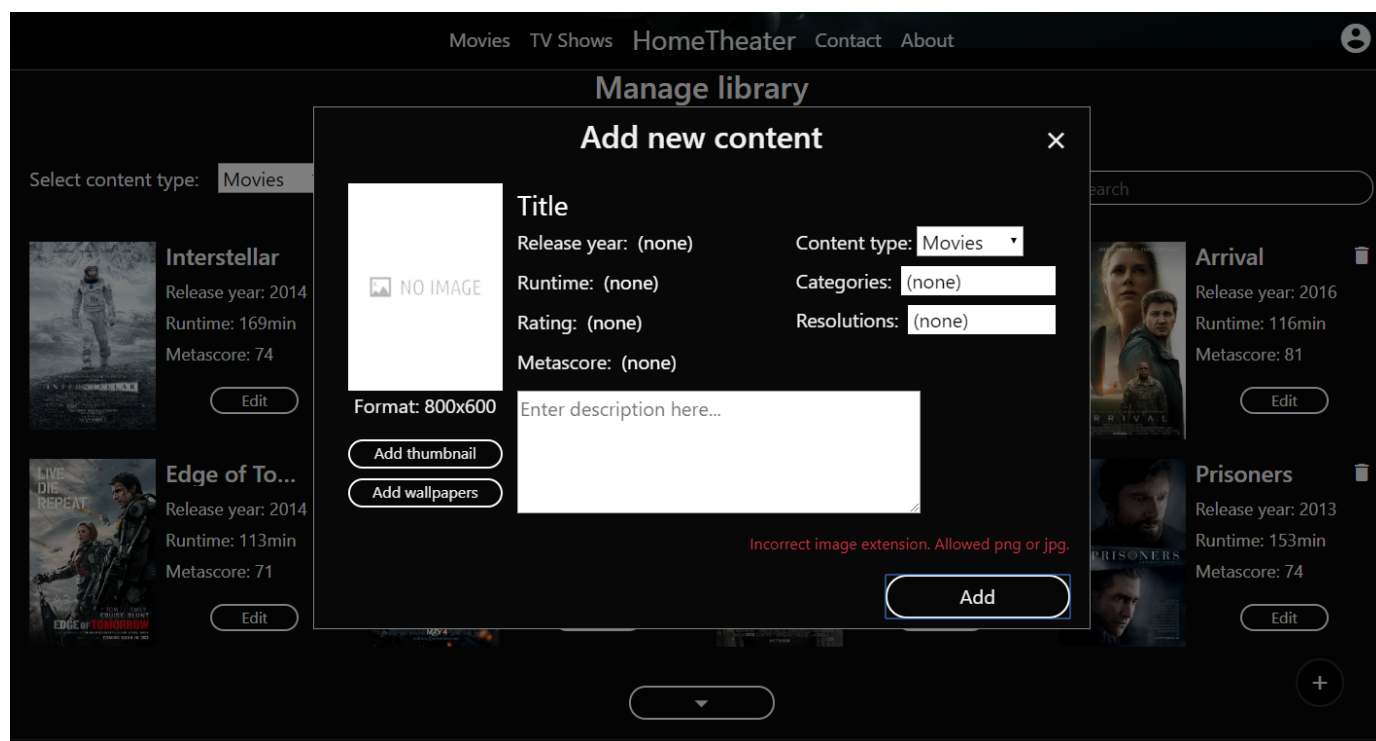
Ova stranica služi kao admin panel za unosenje, izmenu i brisanje sadržaja biblioteke filmova/serija.

Na sredini stranice nalazi se lista sa sadržajem sa osnovnim informacijama o sadržaju (naslov, godina izdavanja itd.).

Na vrhu liste nalazi se filter sa tip sadržaja, kao i tekstualno polje za pretragu sadržaja po naslovu.

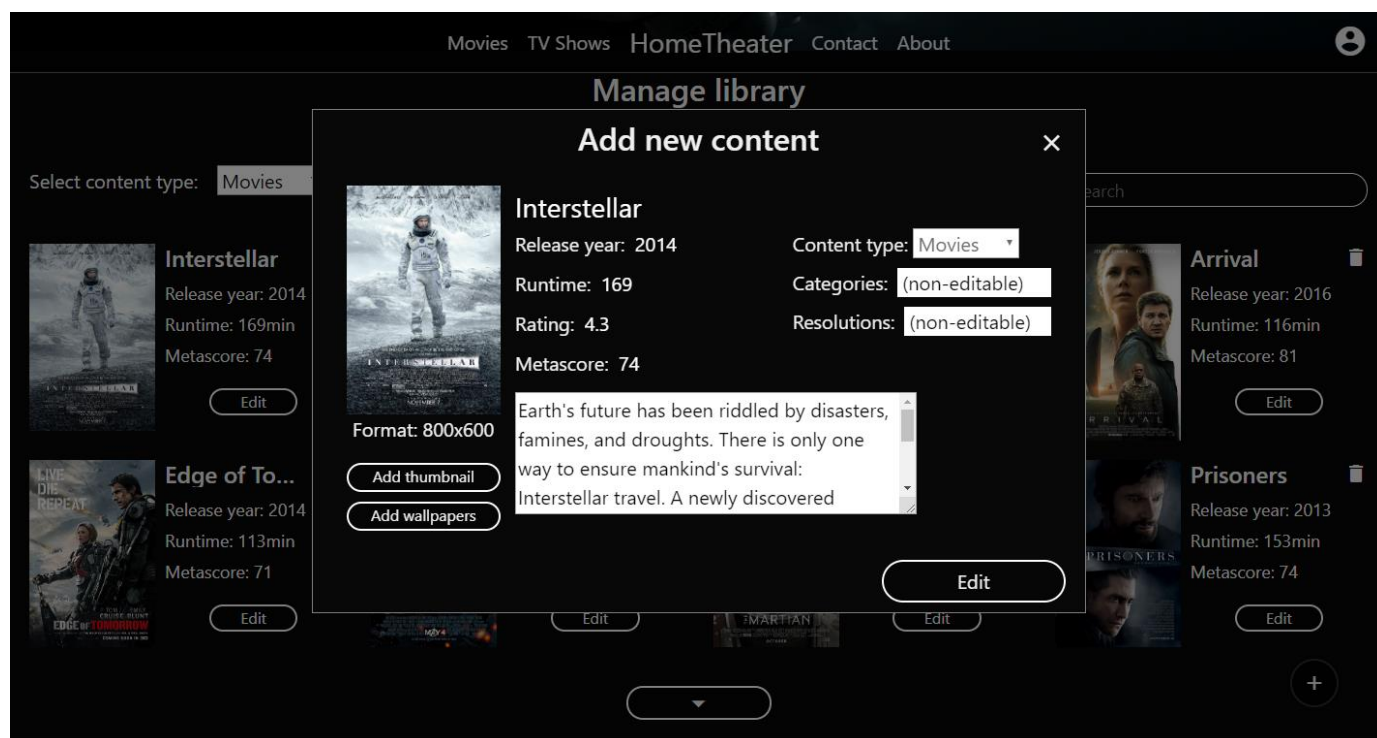
Na dnu liste nalazi se dugme za učitavanje dodatnog sadržaja.

Klikom na dugme u donjem desnom uglu otvara se dijalog za dodavanje novog sadržaja u biblioteku kao na slici ispod.



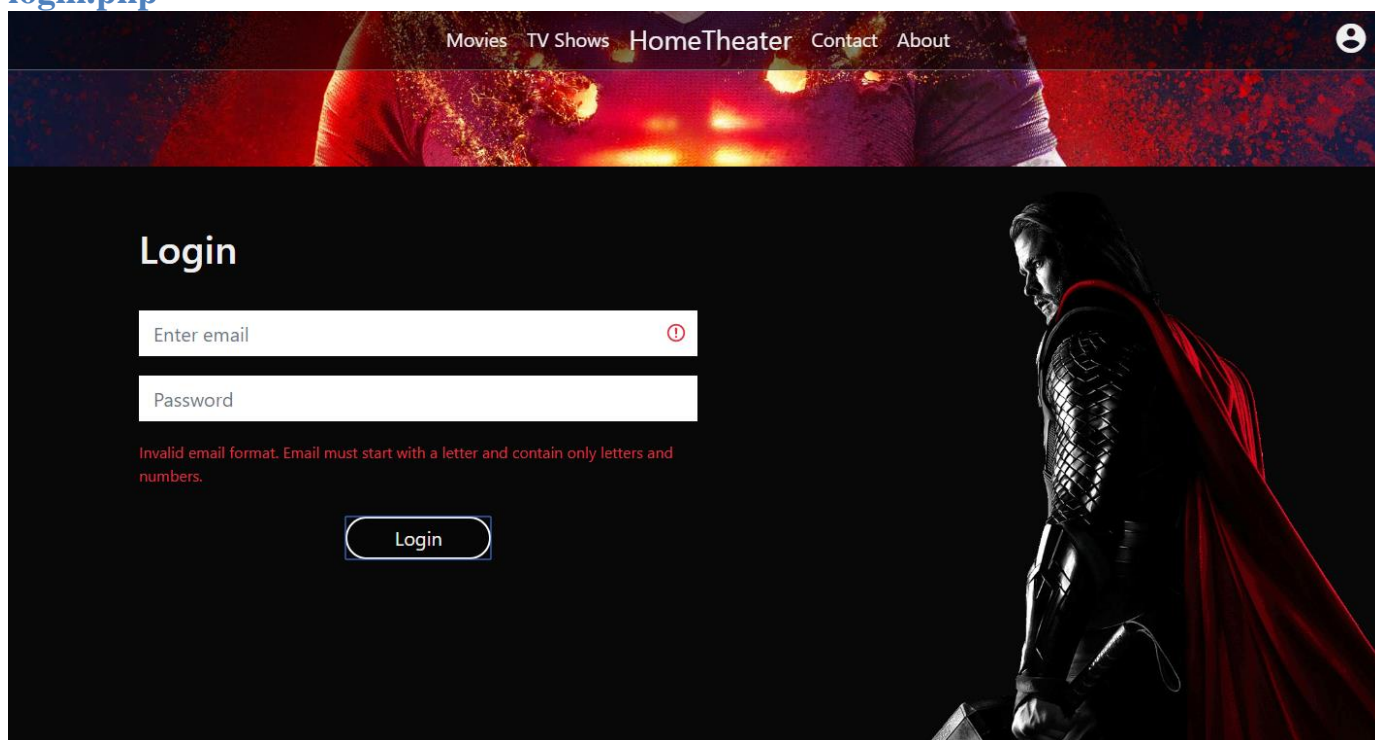
Na dijalogu se nalaze polja za ubacivanje slika, polja za unos osnovnih informacija o sadržaju, kao i drop down liste za odabir različitih kategorija sadržaja (tip sadržaja, podkategorija, rezolucija).

Klikom na dugme »Add« sadržaj se ubacuje u bazu podataka. U slučaju neispravnog formata nekih od polja za unos, ispisuje se greka iznad dugmeta kao na slici iznad.



Klikom da dugme »Edit« kod stavke liste otvara se dijalog za izmenu sadržaja pri čemu je omogućeno menjati samo osnovnih informacija o sadržaju: titl, godina izdavanja itd. (red u sredini).

Klikom ikonicu kante pored stavke u listi sadržaj se briše iz baze podataka.



Movies TV Shows HomeTheater Contact About

Login

Enter email ⓘ

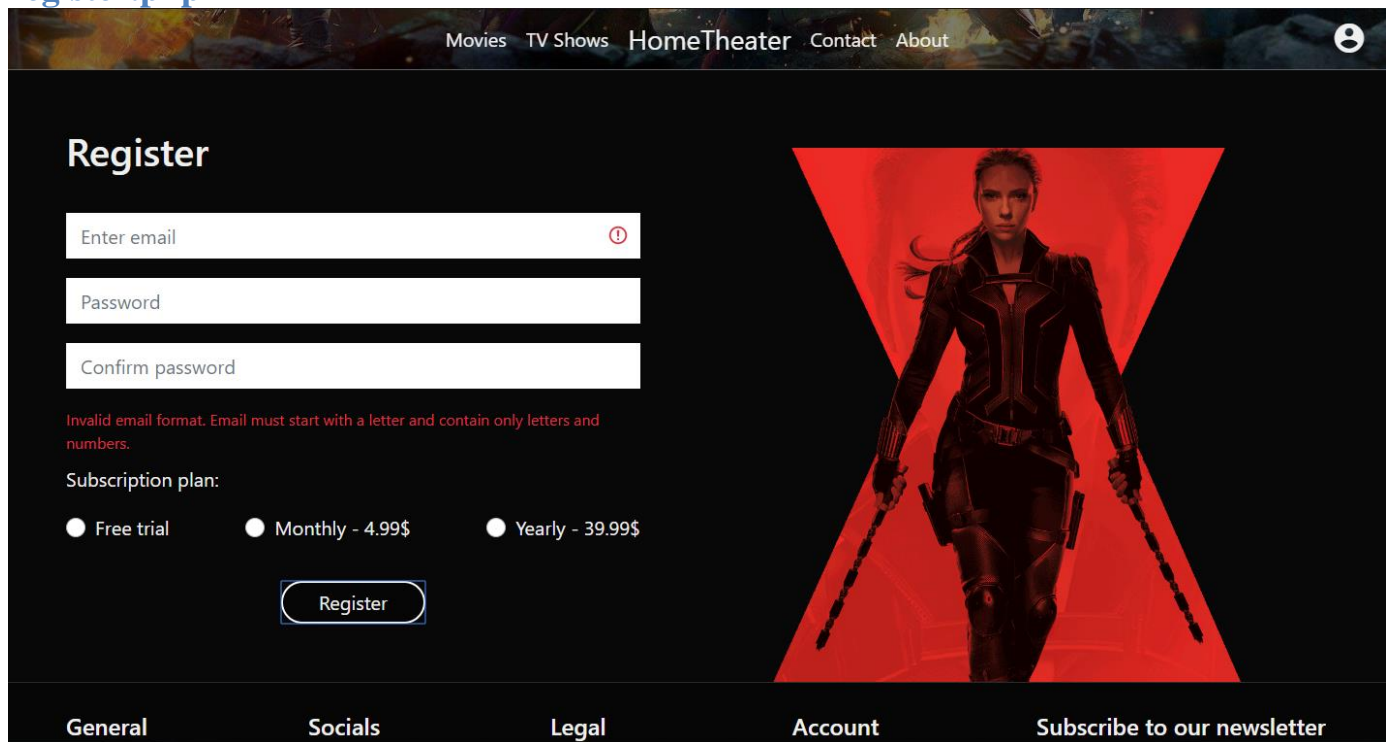
Password

Invalid email format. Email must start with a letter and contain only letters and numbers.

Login

Stranica za logovanje autorizovanih korisnika.

Pri neuspelom logovanju ispisuje se poruka iznad dugmeta »Login« o tipu greske.



Movies TV Shows HomeTheater Contact About

Register

Enter email !

Password

Confirm password

Invalid email format. Email must start with a letter and contain only letters and numbers.

Subscription plan:

☐ Free trial ☐ Monthly - 4.99\$ ☐ Yearly - 39.99\$

Register

General Socials Legal Account Subscribe to our newsletter

Stranica za registraciju korisnika.

Pri neuspeloj registraciji ispisuje se poruka ispod tekstualnih polja o tipu greske.

403 - Forbidden Access

Ups... It seems that you don't have the rights to be on this page.



Stranica koja se prikazuje pri neautorizovanom pristupu stranicama *bookmarks.php* i *manage_content_library.php*.

3. Kodovi

PHP

index.php

```
<?php
    session_start();

    $pageTitle = "HomeTheater - Home";
    require_once "views/head.php";

    $headerText = "Cheap. <span>High quality. New.</span>";
    $isIntroSmaller = false;
    $introId = "indexIntro";
    require_once "views/header.php";

    require_once "views/index_content.php";

    $scripts = ["main.js", "index.js"];

    if(isset($_SESSION["surveyMsg"])){
        $alertMsg = $_SESSION["surveyMsg"];
        unset($_SESSION["surveyMsg"]);
    }
    require_once "views/footer.php";
?>
```


movies.php

```
<?php
    session_start();

    $pageTitle = "HomeTheater - Movies";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "moviesIntro";
    require_once "views/header.php";

    require_once "views/movies_content.php";

    $scripts = ["main.js", "content-list.js"];
    require_once "views/footer.php";
?>
```

tvshows.php

```
<?php
    session_start();

    $pageTitle = "HomeTheater - TV Shows";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "tvshowsIntro";
    require_once "views/header.php";

    require_once "views/tvshows_content.php";

    $scripts = ["main.js", "content-list.js"];
    require_once "views/footer.php";
?>
```

contact.php

```
<?php
    session_start();

    $pageTitle = "HomeTheater - Contact";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "contactIntro";
    require_once "views/header.php";

    require_once "views/contact_content.php";

    $scripts = ["main.js", "contact.js"];
    require_once "views/footer.php";
?>
```

about.php

```
<?php
    session_start();

    $pageTitle = "HomeTheater - About";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "aboutIntro";
    require_once "views/header.php";

    require_once "views/about_content.php";

    $scripts = ["main.js", "about.js"];
    require_once "views/footer.php";
?>
```

login.php

```
<?php

    session_start();
    if(isset($_SESSION["user"])){
        header("Location: index.php");
        exit;
    }

    $pageTitle = "HomeTheater - Login";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "loginIntro";
    require_once "views/header.php";

    require_once "views/login_content.php";

    $scripts = ["main.js", "login.js"];
    require_once "views/footer.php";
?>
```

register.php

```
<?php
    session_start();

    if(isset($_SESSION["user"])){
        header("Location: index.php");
        exit;
    }

    $pageTitle = "HomeTheater - Login";
    require_once "views/head.php";

    $isIntroSmaller = true;
    $introId = "registerIntro";
    require_once "views/header.php";

    require_once "views/register_content.php";

    $scripts = ["main.js", "register.js"];
    require_once "views/footer.php";
?>
```

logout.php

```
<?php
    session_start();

    if(isset($_SESSION["user"])){
        session_unset();
        session_destroy();
    }

    header("Location: index.php");
    exit;
?>
```

403.php

```
<?php
    $pageTitle = "HomeTheater - 403";
    require_once "views/head.php";

    $isIntroSmaller = true;
    require_once "views/header.php";

    require_once "views/403_content.php";

    $scripts = ["main.js"];
    require_once "views/footer.php";
?>
```


Authorized user pages

bookmarks.php

```
<?php
    session_start();

    if(!isset($_SESSION["user"])){
        header("Location: ../403.php");
        exit;
    }

    $pageTitle = "HomeTheater - Bookmarks";
    require_once "../views/head.php";

    $isIntroSmaller = true;
    $introId = "bookmarksIntro";
    require_once "../views/header.php";

    require_once "../views/bookmarks_content.php";

    $scripts = ["main.js", "bookmarks.js"];
    require_once "../views/footer.php";
?>
```

manage_content_library.php

```
<?php
    session_start();

    if(!isset($_SESSION["user"]) or $_SESSION["user"]->role_id != 1){
        header("Location: ../403.php");
        exit;
    }

    $pageTitle = "HomeTheater - Manage content library";
    require_once "../views/head.php";

    $isIntroSmaller = true;
    $introId = "manageContentIntro";
    require_once "../views/header.php";

    require_once "../views/manage_content_library_content.php";

    $scripts = ["main.js", "manage-content-library.js"];
    if(isset($_SESSION["addContentError"])){
        $alertMsg = $_SESSION["addContentError"];
        unset($_SESSION["addContentError"]);
    }
    else if(isset($_SESSION["addContentSuccess"])){
        $alertMsg = $_SESSION["addContentSuccess"];
        unset($_SESSION["addContentSuccess"]);
    }
    $isSurveyHidden = true;
    require_once "../views/footer.php";
?>
```

Views

head.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title><?=$pageTitle?></title>

  <meta name="author" content="Andrej Zarkovski">
  <meta name="keywords" content="movies, tvshows, watch, online, 4K, new, cheap, high quality">
  <meta name="description" content="Watch movies, tv shows, cartoons and other content for a low price of just 4.99$/month.

                                Our rich content library ensures you don't ever run out of content to watch. Stay up to date with latest
                                movies as we upload them as soon as they become available for DVD. Come watch now!">

  <link rel="shortcut icon" href="favicon.png" type="image/png">

  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-
Vkoo8x4CGs03+Hh xv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <link rel="stylesheet" type="text/css" href="/css/main.css" />
</head>
```

header.php

```
<?php

if (session_status() == PHP_SESSION_NONE) {
    session_start();
}

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/menuFetcher.php";

if(isset($_SESSION["user"]))
    $user = $_SESSION["user"];
else
    $user = null;

?>
<body>

    <nav class="navbar navbar-expand-md navbar-light bg-light fixed-top py-
0 navigationContainer">
        <button class="navbar-toggler navigationBtn" type="button" data-
toggle="collapse" data-target="#navbarTogglerDemo03" aria-
controls="navbarTogglerDemo03" aria-expanded="false" aria-label="Toggle navigation">
            <span class="material-icons">menu</span>
        </button>
        <a class="navbar-brand d-md-none mx-
auto websiteTitle" href="/index.php">HomeTheater</a>
        <div class="account">
            <div>
                <i id="accountBtn" class="material-icons medium">account_circle</i>
                <?php
                    if($user != null): ?>
                <div class="accountPanel">
                    <div class="d-flex align-items-center accountInfo">
                        <i class="material-icons d-
block">account_circle</i><span class="d-block ml-2 mb-1"><?php
                            echo explode("@",$user->email)[0];
                        ?> </span>
                    </div>
                    <ul class="accountLinks text-center mb-0">
                        <!-- <li><a href="#">Bookmark list</a></li> -->
                    <?php
                        $items = getMenuItems("authorized_acc_menu");
                        if($user->role_id == 1){
                            foreach($items as $i) {
```

```

        echo "<li><a href='{$i->href}'>{$i->item_name}</a></li>";
    }
}
else{
    foreach($items as $i) {
        if($i->role_id == $user->role_id){
            echo "<li><a href='{$i->href}'>{$i-
>item_name}</a></li>";
        }
    }
}

?>
<li class="border-top mt-2 pt-2">
    <form action="/logout.php" method="GET">
        <button type="submit" name="logoutBtn" value="on" id="log
outBtn" href="#">Logout</button>
    </form>
</li>
</ul>
</div>

<?php else: ?>
<div class="accountPanel">
    <div class="d-flex align-items-center accountInfo">
        <i class="material-icons d-
block">account_circle</i><span class="d-block ml-2 mb-1"> Account </span>
    </div>
    <ul class="accountLinks text-center mb-0">
        <li><a href="login.php">Login</a></li>
        <li><a href="register.php">Register</a></li>
    </ul>
</div>

<?php endif;?>
</div>
</div>

<div class="collapse navbar-collapse" id="navbarTogglerDemo03">
    <ul class="navbar-nav mx-auto my-0 navigationMenu">
        <!-- <li class="nav-item">
            <a class="nav-link" href="#">TV Shows</a>
        </li>
        <li class="nav-item d-none d-md-inline websiteTitle">

```

```

        <a class="nav-link" href="#">HomeTheater</a>
    </li> -->
<?php
    $rootPath = $_SERVER["DOCUMENT_ROOT"];
    require_once "$rootPath/logic/menuFetcher.php";

    $items = getMenuItems("nav_menu");
    for($i = 0; $i < (int)count($items)/2; $i++): ?>
        <li class="nav-item">
            <a class="nav-link" href="<?=$items[$i]->href?>"><?=$items[$i]-
>item_name?></a>
        </li>
    <?php endfor;

    echo ' <li class="nav-item d-none d-md-inline websiteTitle">
        <a class="nav-link" href="/index.php">HomeTheater</a>
    </li>';

    for($i = count($items)/2; $i < count($items); $i++): ?>
        <li class="nav-item">
            <a class="nav-link" href="<?=$items[$i]-
>href?>"><?=$items[$i]->item_name?></a>
        </li>
    <?php endfor;
    ?>

</ul>
</div>
</nav>

<div id="<?php if(isset($introId)) echo "$introId";?>" class="intro<?php if(isset($isIntroSmaller) && $isIntroSmaller) echo " smallerIntro"; ?>">
    <?php
        if(isset($headerText)){
            echo "<h1>$headerText</h1>";
        }
    ?>
</div>

```

footer.php

```
<?php
    if(session_status() == PHP_SESSION_NONE)
        session_start()
?>

<div id="footer" class="container-fluid px-4 px-md-5 pt-4">
    <?php

        $rootPath = $_SERVER["DOCUMENT_ROOT"];
        require_once "$rootPath/logic/dbConnection.php";

        require_once "$rootPath/logic/SurveyLib.php";

        if(isset($_SESSION["user"])){
            $user = $_SESSION["user"];
            $surveys = getSurveys($user->id);
        }
        else
            $user = null;

        if(session_status() == PHP_SESSION_ACTIVE and isset($_SESSION["user"]) and !(isset($isSurveyHidden) and $isSurveyHidden) and count($surveys) > 0) :?>
            <div class="surveyPanel accordion" id="accordionExample">
                <?php
                    foreach($surveys as $s): ?>
                        <div class="card">
                            <div class="card-header p-1" id="heading<?=$s->info->id?>">
                                <h5 class="mb-0">
                                    <button class="btn btn-link" type="button" data-
toggle="collapse" data-target="#collapse<?=$s->info->id?>" aria-expanded="false" aria-
controls="collapse<?=$s->info->id?>">
                                        <?=$s->info->name?>
                                    </button>
                                </h5>
                            </div>
                            <div id="collapse<?=$s->info->id?>" class="collapse" aria-
labelledby="heading<?=$s->info->id?>" data-parent="#accordionExample">
                                <form action="/logic/survey_processor.php" method="POST" onsubmit
="return validateSurvey()">
                                    <div class="card-body">
                                        <?php
                                            $questionIndex = 1;
```

```

        foreach($s->questions as $q): ?>
        <div class="surveyQuestion mb-4">
        <p>
            <?php
                $questionName = $q->info->name;
                echo "$questionIndex. $questionName";
                $questionIndex++;
            ?>
        </p>
        <?php foreach($q->answers as $a): ?>
        <?php $answerId = $a->id;
            $answerName = $a->name; ?>
            <div class="custom-control custom-radio">
                <input type="radio" id="customRadio<?=$answerId?>
" name="customRadio<?=$q->info->id?>" value="<?=$a->id?>" class="custom-control-input">
                <label class="custom-control-
label" for="customRadio<?=$answerId?>"><?=$answerName?></label>
            </div>
            <?php endforeach; ?>
        </div>
        <?php endforeach;
            echo "<input id='loginBtn' type='submit' name='su
rveyBtn' value='Send' class='d-block mx-auto w-25 mt-4 ht-btn sendSurveyAnswersBtn' />";
        ?>
    </div>
</form>
</div>
</div>
<?php endforeach; ?>
</div>
<div class="surveyBtn">
    <i class="material-icons">assignment</i>
</div>
<?php endif;?>

<div class="row">
    <div class="col-12 col-md-7 col-lg-9">
        <div class="row footerList text-center text-md-left">
            <div class="col-6 col-lg-3">
                <h3>General</h3>
                <ul>
                    <?php
                        $rootPath = $_SERVER["DOCUMENT_ROOT"];
                        require_once "$rootPath/logic/menuFetcher.php";

```



```

        $items = getMenuItems("nav_menu");

        for($i = 0; $i < count($items); $i++): ?>
        <li>
            <a href="<?=$items[$i]->href?>"><?=$items[$i]-
>item_name?></a>

            </li>
        <?php endfor;
    ?>
</ul>
</div>
<div class="col-6 col-lg-3">
    <h3>Socials</h3>
    <ul>
        <?php
            $rootPath = $_SERVER["DOCUMENT_ROOT"];
            require_once "$rootPath/logic/menuFetcher.php";

            $items = getMenuItems("socials_menu");

            for($i = 0; $i < count($items); $i++): ?>
            <li>
                <a href="<?=$items[$i]->href?>"><?=$items[$i]-
>item_name?></a>

                </li>
            <?php endfor;
        ?>
    </ul>
</div>
<div class="col-6 col-lg-3">
    <h3>Legal</h3>
    <ul>
        <?php
            $rootPath = $_SERVER["DOCUMENT_ROOT"];
            require_once "$rootPath/logic/menuFetcher.php";

            $items = getMenuItems("legal_menu");

            for($i = 0; $i < count($items); $i++): ?>
            <li>
                <a href="<?=$items[$i]->href?>"><?=$items[$i]-
>item_name?></a>

                </li>
            <?php endfor;
        ?>
    </ul>
</div>

```

```

        </ul>
    </div><div class="col-6 col-lg-3">
        <h3>Account</h3>
        <ul>
        <?php
            $rootPath = $_SERVER["DOCUMENT_ROOT"];
            require_once "$rootPath/logic/menuFetcher.php";

            $items = getMenuItems("account_footer_menu");

            for($i = 0; $i < count($items); $i++): ?>
                <li>
                    <a href="<?=$items[$i]->href?>"><?=$items[$i]-
>item_name?></a>

                </li>
            <?php endfor;
        ?>
        </ul>
    </div>
</div>
<div class="col-12 col-md-5 col-lg-3 px-2 px-sm-5 px-md-
1 newsletterContainer mb-2">
    <h3 class="text-center">Subscribe to our newsletter</h3>
    <form class="mt-4 pt-2">
        <div class="input-group input-group-sm border-0 newsletterForm">
            <input type="email" class="form-control border-0 rounded-
0" id="loginEmail" aria-describedby="emailHelp" placeholder="Enter email">
            <div class="input-group-append">
                <i class="input-group-text material-icons sendIcon">send</i>
            </div>
            <!-- <small id="emailHelp" class="form-text text-
muted">We'll never share your email with anyone else.</small> -->
        </div>
    </form>
</div>
</div>
<p id="copyright" class="text-center mb-
2">Copyright &copy; | HomeTheater <?php echo date("Y")?>. All rights reserved.</p>
</div>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></scri
pt>
<script src="/js/jquery.nicescroll.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" in
tegrity="sha384-

```

```

Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"
</script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-
wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl30g8ifwB6" crossorigin="anonymous"
></script>

<?php
    if(isset($scripts))
    {
        foreach($scripts as $s): ?>
            <script src="/js/<?=$s?>"></script>
        <?php endforeach;
    }
    if(isset($alertMsg)): ?>
        <script type="text/javascript">
            window.onload = function(){
                alert("<?=$alertMsg?>");
            }
        </script>
    <?php endif;
?>
</body>
</html>

<?php
function getSurveys($userId){
    global $conn;

    $surveys = [];

    $surveysQuery = "SELECT * FROM surveys
    WHERE isActive = 1 AND id NOT IN(SELECT s.id FROM surveys AS s
    INNER JOIN survey_questions AS s_q ON s_q.survey
_id = s.id
    INNER JOIN survey_question_answers AS s_q_a ON s
_q_a.survey_question_id = s_q.id
    INNER JOIN user_survey_answers AS u_s_a ON u_s_a
.survey_question_answer_id = s_q_a.id
    WHERE u_s_a.user_id = :user)";

    $surveyStm = $conn->prepare($surveysQuery);
    $surveyStm->bindParam(":user",$userId);
    $surveyStm->execute();

    while($s = $surveyStm->fetch()){

```

```

    $survey = new Survey();
    $survey->info = $s;

    $questionsQuery = "SELECT * FROM survey_questions WHERE survey_id=:id";
    $questionsStm = $conn->prepare($questionsQuery);
    $questionsStm->bindParam(":id", $s->id);

    $questionsStm->execute();

    while($q = $questionsStm->fetch()){
        $surveyQuestion = new SurveyQuestion();
        $surveyQuestion->info = $q;

        $answersQuery = "SELECT * FROM survey_question_answers WHERE survey_quest
ion_id=:id";
        $answersStm = $conn->prepare($answersQuery);
        $answersStm->bindParam(":id", $q->id);

        $answersStm->execute();

        while($a = $answersStm->fetch()){
            $surveyQuestion->answers[] = $a;
        }

        $survey->questions[] = $surveyQuestion;
    }

    $surveys[] = $survey;
}

return $surveys;
}
?>

```


index_content.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/dbConnection.php";

if(isset($_SESSION["user"])){
    $user = $_SESSION["user"];

    $movieCategories = getAvailableContentCategories(1);
    $tvShowCategories = getAvailableContentCategories(2);

}
else
    $user = null;
?>

<div class="container-fluid py-5 d-flex flex-column">

    <?php
        if($user == null)
            $order = "1";
        else
            $order = "6";

    ?>
    <div class="contentListContainer mb-5 px-1 order-<?php echo $order ?>">
        <h2 class="mb-4 text-center text-sm-left">Most popular Movies</h2>
        <div class="contentListWrapper">
            <div class="contentList d-flex">
                <?php
                    $movies = getMostPopularContent(1,false);

                    foreach($movies as $m): ?>
                        <div class="contentListItem">
                            
                            <div class="contentOverlay">
                                <?php
                                    if($user != null){
                                        if($m->user != null)
                                            echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                                        else
                                            echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite_border</i>";
```

```

        }
        // <i class="material-icons">favorite</i>
        ?>

        <div class="contentInfo">
            <p><?=$m->title?></p>
            <p><?=$m->rating?> <i class="material-icons ml-
1">star</i></p>

            </div>
        </div>
    </div>
    <?php endforeach;
    ?>
</div>
    <div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
    <div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>
</div>
</div>

<?php
    if($user == null)
        $order = "2";
    else
        $order = "7";
    ?>
    <div class="contentListContainer mb-4 px-1 order-<?php echo $order ?>">
        <h2 class="mb-4 text-center text-sm-left">Most popular TV Shows</h2>
        <div class="contentListWrapper">
            <div class="contentList d-flex">
                <?php

                    $tvShows = getMostPopularContent(2,false);

                    foreach($tvShows as $tS): ?>
                        <div class="contentListItem">
                            
                            <div class="contentOverlay">
                                <?php
                                    if($user != null){
                                        if($tS->user != null)
                                            echo "<i data-id='$tS->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                                        else

```

```

        echo "<i data-id='{$tS->con_id}'class='material-
icons favoriteBtn'>favorite_border</i>";
    }
    // <i class="material-icons">favorite</i>
    ?>
    <div class="contentInfo">
        <p><?={$tS->title?}</p>
        <p><?={$tS->rating?}> <i class="material-icons ml-
1">star</i></p>
    </div>
</div>
</div>
<?php endforeach;
?>
</div>
<div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
<div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>
</div>
</div>

<?php
    if($user == null): ?>
    <div id="freeTrialContainer" class="row px-3 px-sm-5 py-5 order-3">
        <div class="col-md-7 col-lg-6 px-0">
            <h2 class="text-center mb-5">Start your Free Trial</h2>
            <ul>
                <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>7 day Free Trial</span></li>
                <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>Gain access to all features</span></li>
                <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>After that you can subscribe for only 4.99$/month</span><
/li>
            </ul>
            <button type="button" class="ht-btn d-block mx-auto py-
0" disabled>Free trial</button>
        </div>
        <div class="col-6"></div>
    </div>
    <?php endif; ?>

    <div class="contentListContainer mb-5 mt-4 px-1 order-4">
        <h2 class="mb-4 text-center text-sm-left">4K Movies</h2>

```



```

<div class="contentListWrapper">
  <div class="contentList d-flex">
    <?php
      $movies = getContentByResolution(1,2);

      foreach($movies as $m): ?>
        <div class="contentListItem">
          
          <div class="contentOverlay">
            <?php
              if($user != null){
                if($m->user != null)
                  echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                else
                  echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite_border</i>";
              }
              // <i class="material-icons">favorite</i>
            ?>
            <div class="contentInfo">
              <p><?=$m->title?></p>
              <p><?=$m->rating?> <i class="material-icons ml-
1">star</i></p>
            </div>
          </div>
        </div>
      <?php endforeach;
    ?>
  </div>
  <div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
  <div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>
</div>

<?php
  if($user == null)
    $order = "5";
  else
    $order = "3";
?>
<div id="newReleasesContainer" class="row py-4 order-<?php echo $order?>">
  <div id="newReleasesBackground"></div>

```

```

<div class="col-12 mb-4">
    <h2 class="text-center mb-5">New releases</h2>
</div>
<div class="col-1"></div>
<div class="col-12 col-md-8">
    <div id="newReleases" class="row">
        <div class="col-10 offset-1 col-md-6 offset-md-0 px-0">
            <div class="row d-flex align-items-center justify-content-between">
                <div data-dir="-1" class="col-
1 contentListScroll contentListScrollLeft px-0">
                    <i class="material-icons">keyboard_arrow_left</i>
                </div>
                <div id="sliderItemCover" class="col-10 px-3">
                    
                </div>
                <div data-dir="1" class="col-
1 contentListScroll contentListScrollRight px-0">
                    <i class="material-icons">keyboard_arrow_right</i>
                </div>
            </div>
        </div>
        <div id="sliderItemInfo" class="col-12 col-md-6">
            <h4 class="mt-3 mt-md-0 mb-4 text-center text-md-left">Deadpool</h4>
            <p class="text-center text-md-
left">This is a description.. This is a description.. This is a description.. This is a d
escription.. This is a description.. This is a description.. This is a description.. This
is a description.. This is a description.. This is a description.. This is a description
.. This is a description.. This is a description.. This is a description.. This is a desc
ription.. </p>
            <button type="button" class="ht-btn d-block mx-
auto" disabled> Watch now</button>
        </div>
    </div>
</div>
</div>

<?php
    if($user == null){
        $order = "6";
    }

    if($user == null): ?>
        <div id="promoContainer" class="d-flex justify-content-between align-items-center px-
4 py-2 order-<?=$order?>">

```

```

        <p class="mb-
0">Have a promo code? Get 3 months of free subscription, and watch anything you want.</p>
        <button type="button" class="ht-yellow-btn">Enter code now!</button>
    </div>
    <?php endif; ?>

    <?php
        if($user == null)
            $order = "7";
        else
            $order = "5";
    ?>
    <div id="mobileAppContainer" class="row mb-5 px-3 px-md-5 py-5 order-<?=$order?>">
        </img>
        <div id="mobileInfo" class="col-12 col-md-8">
            <h2 class="mb-4">Download our mobile app!</h2>
            <p>Take our content library anywhere with you, by scanning qr code with your p
hone or going to the play store directly via button below.</p>
            <div class="row">
                <div id="mobileInfoDetails" class="col-12 col-md-6">
                    <p>Benefits of installing mobile app:</p>
                    <ul>
                        <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>7 day Free Trial</span></li>
                        <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>Gain access to all features</span></li>
                        <li class="mb-2"><i class="material-icons mr-
3 ">play_circle_filled</i><span>After that you can subscribe for only 4.99$/month</span><
/li>
                    </ul>
                    <button type="button" class="ht-btn mx-auto py-
0" disabled>Go to Play Store</button>
                </div>
            </div>
        </div>
        <div class="col-4"></div>
    </div>

    <?php
        if($user == null){
            $order = "8";
        }
        if($user == null): ?>
    <div class="contentListContainer mb-5 px-1 order-<?=$order?>">
        <h2 class="mb-4 text-center text-sm-left">Best rated Movies by critics</h2>

```

```

<div class="contentListWrapper">
  <div class="contentList d-flex">
    <?php
      $movies = getMostPopularContent(1,true);

      foreach($movies as $m): ?>
        <div class="contentListItem">
          
          <div class="contentOverlay">
            <?php
              if($user != null){
                if($m->user != null)
                  echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                else
                  echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite_border</i>";
              }
              // <i class="material-icons">favorite</i>
            ?>
            <div class="contentInfo">
              <p><?=$m->title?></p>
              <p><?=$m->rating?> <i class="material-icons ml-
1">star</i></p>
            </div>
          </div>
        </div>
      <?php endforeach;
    ?>
  </div>
  <div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
  <div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>
</div>
<?php endif; ?>

<!-- authorized -->
<?php
  if($user != null and count($movieCategories) > 0){
    $randCat = rand(0, count($movieCategories) - 1);

    $catId = $movieCategories[$randCat]->cat_id;
    $catName = $movieCategories[$randCat]->cat_name;
  }
}

```

```

    }

    if($user != null and count($movieCategories) > 0) : ?>
<div class="contentListContainer mb-5 px-1 order-1">
    <h2 class="mb-4 text-center text-sm-left">Best Movies - <?=$catName?></h2>
    <div class="contentListWrapper">
        <div class="contentList d-flex">
            <?php

                $movies = getContentByCategory(1, $catId);

                foreach($movies as $m): ?>
                    <div class="contentListItem">
                        
                        <div class="contentOverlay">
                            <?php
                                if($user != null){
                                    if($m->user != null)
                                        echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                                    else
                                        echo "<i data-id='$m->con_id'class='material-
icons favoriteBtn'>favorite_border</i>";
                                }
                                // <i class="material-icons">favorite</i>
                            ?>
                            <div class="contentInfo">
                                <p><?=$m->title?></p>
                                <p><?=$m->rating?> <i class="material-icons ml-
1">star</i></p>
                            </div>
                        </div>
                    </div>
                <?php endforeach;

            ?>
        </div>
        <div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
        <div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>
    </div>
    <?php endif; ?>

    <?php

```

```

        if($user != null and count($tvShowCategories) > 0) {
            $randCat = rand(0, count($tvShowCategories) - 1);

            $catId = $tvShowCategories[$randCat]->cat_id;
            $catName = $tvShowCategories[$randCat]->cat_name;
        }
        if($user != null and count($tvShowCategories) > 0):
            ?>
<div class="contentListContainer mb-5 px-1 order-2">
    <h2 class="mb-4 text-center text-sm-left">Best TV Shows - <?=$catName?></h2>
    <div class="contentListWrapper">
        <div class="contentList d-flex">
            <?php

                $tvShows = getContentByCategory(2, $catId);

                foreach($tvShows as $tS): ?>
                    <div class="contentListItem">
                        
                        <div class="contentOverlay">
                            <?php
                                if($user != null){
                                    if($tS->user != null)
                                        echo "<i data-id='$tS->con_id'class='material-
icons favoriteBtn'>favorite</i>";
                                    else
                                        echo "<i data-id='$tS->con_id'class='material-
icons favoriteBtn'>favorite_border</i>";
                                }
                                // <i class="material-icons">favorite</i>
                            ?>
                            <div class="contentInfo">
                                <p><?=$tS->title?></p>
                                <p><?=$tS->rating?> <i class="material-icons ml-
1">star</i></p>
                            </div>
                        </div>
                    </div>
                <?php endforeach;
            ?>
        </div>
        <div class="contentListScroll contentListScrollLeft" data-dir="-
1"><i class="material-icons">keyboard_arrow_left</i></div>
        <div class="contentListScroll contentListScrollRight" data-
dir="1"><i class="material-icons">keyboard_arrow_right</i></div>

```

```

        </div>
    </div>
    <?php endif; ?>
</div>

<?php
function getContentByCategory($contentType,$category){
    global $conn;
    global $user;

    $bookmarksJoin = "";
    $bookmarksFilter = "";
    $bookmarksColumn = "";
    if($user != null){
        $bookmarksJoin = "LEFT JOIN (SELECT content_id, user_id FROM user_bookmarks W
HERE user_id = :user) AS bookmarks
                        ON bookmarks.content_id = content.id";
        $bookmarksColumn = ",bookmarks.user_id AS user";
    }

    $selectQuery = "SELECT content.id AS con_id, title, rating, file_path $bookmarksC
olumn FROM content
                    INNER JOIN content_categories AS con_cat ON con_cat.content_id=co
ntent.id
                    INNER JOIN content_images AS con_img ON con_img.content_id = cont
ent.id
                    $bookmarksJoin
                    WHERE content_types_id=:contentType AND isCover=1 AND con_cat.cat
egory_id=:category
                    LIMIT 25 OFFSET 0;";

    $stm = $conn->prepare($selectQuery);
    $stm->bindParam(":contentType", $contentType);
    $stm->bindParam(":category", $category);
    if($user != null)
        $stm->bindParam(":user", $user->id);

    $stm->execute();

    return $stm->fetchAll();
}
function getAvailableContentCategories($contentType){
    global $conn;

```

```

        $selectQuery = "SELECT DISTINCT category_id AS cat_id, categories.name AS cat_name
FROM content_categories
        INNER JOIN content ON content.id = content_categories.content_id
        INNER JOIN categories ON categories.id=content_categories.category_id
WHERE content_types_id = :contentType;";
$stmt = $conn->prepare($selectQuery);
$stmt->bindParam(":contentType", $contentType);
$stmt->execute();

return $stmt->fetchAll();
}
function getContentByResolution($contentType, $resolution){

    global $user;
    global $conn;

    $bookmarksJoin = "";
    $bookmarksFilter = "";
    $bookmarksColumn = "";

    if($user != null){
        $bookmarksJoin = "LEFT JOIN (SELECT content_id, user_id FROM user_bookmarks WHERE user_id = :user) AS bookmarks
        ON bookmarks.content_id = content.id";
        $bookmarksColumn = ",bookmarks.user_id AS user";
    }

    $selectQuery = "SELECT content.id AS con_id, title, rating, file_path $bookmarksColumn
FROM content
        INNER JOIN content_resolutions AS con_res ON con_res.content_id =
content.id
        INNER JOIN content_images AS con_img ON con_img.content_id = content.id
        $bookmarksJoin
WHERE content_types_id=:contentType AND isCover=1 AND con_res.resolution_id=:resolution
LIMIT 25 OFFSET 0;";

    $stmt = $conn->prepare($selectQuery);
    $stmt->bindParam(":contentType",$contentType);
    $stmt->bindParam(":resolution",$resolution);
    if($user != null)
        $stmt->bindParam(":user", $user->id);

```



```

        $stm->execute();

        return $stm->fetchAll();
    }
    function getMostPopularContent($contentType, $byCritics){
        // die("blabla");

        // if(isset($_GET["contentType"])){
        //     http_response_code(400);
        //     die("Incomplete input data.");
        // }

        // $contentType = $_GET["contentType"];

        global $conn;
        global $user;

        if($byCritics)
            $orderCrit = "metascore";
        else
            $orderCrit = "rating";

        $bookmarksJoin = "";
        $bookmarksFilter = "";
        $bookmarksColumn = "";
        if($user != null){
            $bookmarksJoin = "LEFT JOIN (SELECT content_id, user_id FROM user_bookmarks W
HERE user_id = :user) AS bookmarks
                                ON bookmarks.content_id = content.id";
            $bookmarksColumn = ", bookmarks.user_id AS user";
        }

        $selectQuery = "SELECT content.id AS con_id, title, rating, file_path $bookmarksC
olumn FROM content
                                INNER JOIN content_images AS con_img ON con_img.content_id = cont
ent.id
                                $bookmarksJoin
                                WHERE content_types_id=:contentType AND isCover=1
                                ORDER BY $orderCrit DESC
                                LIMIT 25 OFFSET 0;";

        $stm = $conn->prepare($selectQuery);
        $stm->bindParam(":contentType",$contentType);
    }

```

```
if($user != null)
    $stm->bindParam(":user", $user->id);

$stm->execute();

return $stm->fetchAll();

// header("Content-Type: application/json");
// echo json_encode($result);

}
```

?>

movies_content.php

```
<?php
    require_once "logic/dbConnection.php";
?>

<div id="moviesContainer" class="container-fluid px-3">
    <h1 class="text-center mt-3 mb-5">Movies</h1>

    <div id="contentFilters" class="row mb-4">
        <div class="col-sm-6 offset-sm-6 col-md-5 offset-md-7 col-lg-3 offset-lg-9 mb-2">
            <input class="d-block ml-0 w-100 ml-sm-
auto" type="search" id="search" placeholder="search">
        </div>
        <div class="d-flex align-items-center col-12 col-sm-6 mb-2">
            <label class="mb-0">Select category: </label>
            <select id="contentCategoriesSelect" class="ml-3">
                <?php
                    $rootPath = $_SERVER["DOCUMENT_ROOT"];
                    require_once "$rootPath/logic/getAllCategories.php";

                    var_dump($categories);
                    echo "<option value='0'>All</option>";
                    foreach($categories as $c): ?>
                        <option value="<?=$c->id?>"><?=$c->name?></option>
                    <?php endforeach;
                ?>
            </select>
        </div>
        <div class="p-0 col-auto col-md-2"></div>
        <div class="col-12 col-sm-6 col-md-4 d-flex align-items-center justify-content-
sm-end justify-content-start">
            <label class="mb-0">Sort by: </label>
            <select id="contentSortSelect" class="ml-3">
                <option value="1">Name A-Z</option>
                <option value="2">Name Z-A</option>
                <option value="3">Rating</option>
                <option value="4">Year ascending</option>
                <option value="5">Year descending</option>
            </select>
        </div>
    </div>

    <div id="contentListFull" data-contenttype="1" class="row mt-2 mb-3">
</div>
```

```
<button id="loadMoreContent" type="button" class="ht-btn mx-auto my-3"><i class="material-icons">arrow_drop_down</i></button>  
  
</div>
```

tvshows_content.php

```
<?php
    require_once "logic/dbConnection.php";
?>

<div id="moviesContainer" class="container-fluid px-3">
    <h1 class="text-center mt-3 mb-5">TV Shows</h1>

    <div id="contentFilters" class="row mb-4">
        <div class="col-sm-6 offset-sm-6 col-md-5 offset-md-7 col-lg-3 offset-lg-9 mb-2">
            <input class="d-block ml-sm-
auto" type="search" id="search" placeholder="search">
        </div>
        <div class="d-flex align-items-center col-12 col-sm-6 mb-2">
            <label class="mb-0">Select category: </label>
            <select id="contentCategoriesSelect" class="ml-3">
                <?php
                    $rootPath = $_SERVER["DOCUMENT_ROOT"];
                    require_once "$rootPath/logic/getAllCategories.php";

                    var_dump($categories);
                    echo "<option value='0'>All</option>";
                    foreach($categories as $c): ?>
                        <option value="<?=$c->id?>"><?=$c->name?></option>
                    <?php endforeach;

                ?>
            </select>
        </div>
        <div class="p-0 col-auto col-md-2"></div>
        <div class="col-12 col-sm-6 col-md-4 d-flex align-items-center justify-content-
sm-end justify-content-start">
            <label class="mb-0">Sort by: </label>
            <select id="contentSortSelect" class="ml-3">
                <option value="1">Name A-Z</option>
                <option value="2">Name Z-A</option>
                <option value="3">Rating</option>
                <option value="4">Year ascending</option>
                <option value="5">Year descending</option>
            </select>
        </div>
    </div>

    <div id="contentListFull" data-contenttype="2" class="row mt-2 mb-3">
</div>
```

```
<button id="loadMoreContent" type="button" class="ht-btn mx-auto my-3"><i class="material-icons">arrow_drop_down</i></button>  
  
</div>
```

login_content.php

```
<div id="loginContainer" class="container-fluid py-5 position-relative">
  <div class="row mx-0">
    <div class="col-md-7 col-lg-6 px-3 px-sm-5 ml-md-0 ml-md-5">
      <h2>Login</h2>
      <form class="mt-4 pt-2">
        <div class="form-group border-0">
          <input type="email" class="form-control border-0 rounded-
0" id="loginEmail" aria-describedby="emailHelp" placeholder="Enter email">
        </div>
        <div class="form-group">
          <input type="password" class="form-control border-0 rounded-
0" id="loginPassword" placeholder="Password">
        </div>
        <div id="loginFeedback" class="invalid-feedback d-none"></div>
        <!-- <div class="custom-control custom-checkbox">
          <input type="checkbox" class="custom-control-
input" id="loginRememberMe">
          <label class="custom-control-
label" for="loginRememberMe">Remember me</label>
        </div> -->
        <button id="loginBtn" type="button" class="d-block mx-auto mt-4 ht-
btn">Login</button>
      </form>
    </div>
  </div>
  
</div>
```

register_content.php

```
<div id="registerContainer" class="container-fluid py-5 position-relative">
  <div class="row">
    <div class="col-md-6 col-lg-5 px-3 px-sm-4 px-md-0 ml-0 ml-md-5">
      <h2>Register</h2>
      <form class="mt-4 pt-2">
        <div class="form-group border-0">
          <input type="email" class="form-control border-0 rounded-
0" id="registerEmail" aria-describedby="emailHelp" placeholder="Enter email">
        </div>
        <div class="form-group">
          <input type="password" class="form-control border-0 rounded-
0" id="registerPassword" placeholder="Password">
        </div>
        <div class="form-group">
          <input type="password" class="form-control border-0 rounded-
0" id="registerConfirmPassword" placeholder="Confirm password">
        </div>
        <div id="registerFeedback" class="invalid-feedback d-none mb-2"></div>
        <div>
          <p>Subscription plan:</p>
          <div id="subscriptionRadios" class="d-flex justify-content-between">
            <?php
              $rootPath = $_SERVER["DOCUMENT_ROOT"];
              require_once "$rootPath/logic/dbConnection.php";

              $subscriptionQuery = "SELECT id, name, price FROM subscription_ty
pes;";

              $subStm = $conn->query($subscriptionQuery);

              $subscriptions = $subStm->fetchAll();

              for($i = 0; $i < count($subscriptions); $i++): ?>
                <div class="custom-control custom-radio text-center mb-2">
                  <input type="radio" id="customRadio<?=$i?>" name="subscri
ption" value="<?=$subscriptions[$i]->id?>" class="custom-control-input">
                  <label class="custom-control-
label" for="customRadio<?=$i?>">

                    <?php
                      echo $subscriptions[$i]->name;

                      if($subscriptions[$i]->price > 0){
                        $price = $subscriptions[$i]->price;
                        $price = " - $price$";
```



```

        }
        else
            $price = "";

        echo $price;
    ?>
</label>
</div>
<?php endfor; ?>
</div>
</div>
<button id="registerBtn" type="button" class="d-block mx-auto w-25 mt-
4 ht-btn">Register</button>
</form>
</div>
</div>

</div>

```

contact_content.php

```
<div id="contactContainer" class="container-fluid py-4">
  <h1 class="text-center mb-5">Contact</h1>
  <div class="row">
    <div class="col-12 col-sm-6 px-sm-3 px-md-4 px-lg-5 mb-5">
      <h2 class="text-center mb-4">Email administrator</h2>
      <form>
        <div class="form-group border-0 mb-3">
          <input type="email" class="form-control border-0 rounded-0" id="contactEmail" aria-describedby="emailHelp" placeholder="Enter email">
        </div>
        <div class="form-group border-0 mb-3">
          <input type="email" class="form-control border-0 rounded-0" id="contactSubject" aria-describedby="emailHelp" placeholder="Subject">
        </div>
        <textarea id="contactMessage" name="description" class="w-100 h-input-text p-2" rows="4" placeholder="Message..."></textarea>
        <div id="contactFeedback" class="invalid-feedback d-none"></div>
        <button id="contactBtn" type="button" class="d-block mx-auto w-25 mt-4 ht-btn">Send</button>
      </form>
    </div>
    <div class="col-12 col-sm-6">
      <h3 class="text-center mb-3">Follow us on social media</h3>
      <div id="contactSocials" class="d-flex justify-content-center align-items-center mb-4">
        <a href="https://facebook.com" target="_blank"></a>
        <a href="https://twitter.com" target="_blank"></a>
        <a href="https://instagram.com" target="_blank"></a>
        <a href="https://youtube.com" target="_blank"></a>
      </div>
      <div id="youtubePlayer" class="px-0 px-lg-5">
        <iframe src="https://www.youtube.com/embed/kozkmhIyP0I" frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>
      </div>
    </div>
  </div>
</div>
```

about_content.php

```
<div id="aboutContainer" class="container-fluid py-4">
  <h1 class="text-center mb-5">About</h1>
  <div class="row">
    <div class="col-lg-8 mb-5 px-3 px-sm-5">
      <div class="row">
        <div id="profileImageContainer" class="col-10 offset-1 col-sm-6 offset-
sm-3 col-md-3 offset-md-0 mb-4">
          
        </div>
        <div id="aboutInfo" class="col-md-9 text-center text-sm-left">
          <p>My name is Andrej Zarkovski. I'm studying web programming at "Viso
ka ICT Škola" in Belgrade. In my early childhood I was very interested in how computers w
ork and I continued to learn more about them. Now I am pursuing career in computer progra
mming. I love japanese culture and I love playing video games.

          </p>
          <ul>
            <li class="mb-
2">Github: <a href="https://github.com/zarke998" target="_blank">github.com/zarke998</a><
/li>
            <li class="mb-
2">Portfolio: <a href="https://zarke998.github.io/web-
portfolio" target="_blank">zarke998.github.io/web-portfolio</a></li>
            <li class="mb-
2">LinkedIn: <a href="https://linkedin.com/in/andrej-zarkovski-
01b8a4188" target="_blank">linkedin.com/in/andrej-zarkovski-01b8a4188</a></li>
          </ul>
        </div>
      </div>
    </div>
    <div id="businessContainer" class="col-md-8 offset-md-2 col-lg-4 offset-lg-0 px-
4">
      <h3 class="text-center mb-4">Business inquiry</h3>
      <form>
        <div class="form-group border-0 mb-3">
          <input type="email" class="form-control border-0 rounded-
0" id="businessEmail" aria-describedby="emailHelp" placeholder="Enter email">
        </div>
        <textarea id="businessMessage" name="description" class="w-100 h-input-
text p-2" rows="4" placeholder="Message..."></textarea>
        <div id="businessFeedback" class="invalid-feedback d-none"></div>
        <button id="businessBtn" type="button" class="d-block mx-auto w-25 mt-
4 ht-btn">Send</button>
      </form>
    </div>
  </div>
</div>
```

```
        </form>
    </div>
</div>
</div>
```

403_content.php

```
<div id="containerUnauthorized" class="container-fluid py-5">
  <h1>403 - Forbidden Access</h1>
  <p class="ml-
4">Ups... It seems that you don't have the rights to be on this page. </p>
  
</div>
```

bookmarks_content.php

```
<div id="bookmarksContainer" class="container-fluid px-2 px-sm-5 py-3 position-relative">
  <div class="row">
    <div class="col-12">
      <h1 class="text-center mb-4">Bookmarks</h1>
    </div>
    <div id="bookmarksListContainer" class="col-sm-10 col-md-6 col-lg-4">
      <h2 class="text-center text-sm-left">Bookmark list</h2>
      <div id="bookmarksList">
        <h4 class="text-center mt-2">No bookmarks added</h4>
      </div>
      <button id="loadMoreBookmarksBtn" type="button" class="d-block mx-auto w-
25 mt-4 ht-btn d-flex justify-content-center align-items-center">
        <i class="material-icons">arrow_drop_down</i>
      </button>
    </div>
  </div>
  
</div>
```

manage_content_library_content.php

```
<?php
    require_once "../logic/dbConnection.php";
?>

<div id="manageLibraryContainer" class="container-fluid px-3">
    <h1 class="text-center mt-3 mb-5">Manage library</h1>

    <div id="contentFilters" class="row mb-4 align-items-center">
        <div class="d-flex align-items-center col-sm-7 col-md-6 mb-3">
            <label class="mb-0">Select content type: </label>
            <select id="contentTypesSelect" class="ml-3">
                <?php
                    $rootPath = $_SERVER["DOCUMENT_ROOT"];
                    require_once "$rootPath/logic/getAllContentTypes.php";

                    foreach($content_types as $c): ?>
                        <option value="<?=$c->id?"><?=$c->name?"</option>
                    <?php endforeach;
                ?>
            </select>
        </div>
        <div class="col-sm-5 offset-sm-0 col-md-4 offset-md-2 col-lg-3 offset-lg-3">
            <input class="d-block ml-auto w-
100" type="search" id="search" placeholder="search">
        </div>
    </div>

    <div id="manageContentList" class="row mt-2 mb-3">
    </div>
        <button id="loadMoreContent" type="button" class="ht-btn mx-auto my-
3"><i class="material-icons">arrow_drop_down</i></button>

    <!-- HIDDEN -->
    <div id="addNewContentBtn" class="ht-floating-btn">
        <i class="material-icons">add</i>
    </div>
    <div id="newContentPanel" class="d-none">
        <div id="newContentPanelDialog" class="container-fluid px-3">
            <i class="material-icons closeDialogBtn">close</i>
            <h3 class="my-2">Add new content</h3>
            <form enctype="multipart/form-data" class="w-
100" action="../logic/addContent.php" method="POST" onsubmit="return addNewContent()">
                <div class="row mt-4">
                    <div class="col-8 offset-2 col-sm-4 offset-sm-0 col-lg-3">
```

```

        <div id="contentImages">
            <div id="newCoverImage" class="mb-2">
                
                <input id="chooseCoverImage" type="file" name="coverImage
" />
                <p class="text-center">Format: 800x600</p>
            </div>
            <div class="ht-file-label-group">
                <div class="ht-input-file mt-1">
                    <input id="thumbnailImageBtn" type="file" name="thumb
nail" />
                    <div class="ht-btn">Add thumbnail</div>
                </div>
                <p class="text-center my-0 d-none">Image.png</p>
            </div>
            <div class="ht-file-label-group mb-3">
                <div class="ht-input-file mt-2">
                    <input id="wallpaperImagesBtn" type="file" name="wall
papers[]" multiple />
                    <div class="ht-btn">Add wallpapers</div>
                </div>
                <div id="wallpapersContainer" class="d-none">
                </div>
            </div>
        </div>
        <div class="col-sm-8 col-lg-9 pl-3 pl-sm-0">
            <div class="row">
                <div class="col-12 ">
                    <input type="text" name="title" class="ht-input-
text border-0" placeholder="Title"/>
                </div>
                <div class="col-lg-6 mb-1">
                    <div class="ht-inline-form-group">
                        <label>Release year:</label>
                        <input type="text" name="releaseYear" class="ht-
input-text border-0" placeholder="(none)"/>
                    </div>
                    <div class="ht-inline-form-group">
                        <label>Runtime:</label>
                        <input type="text" name="runtime" class="ht-input-
text border-0" placeholder="(none)"/>
                    </div>
                    <div class="ht-inline-form-group">

```



```

        <label>Rating:</label>
        <input type="text" name="rating" class="ht-input-
text border-0" placeholder="(none)"/>
    </div>
    <div class="ht-inline-form-group">
        <label>Metascore:</label>
        <input type="text" name="metascore" class="ht-input-
text border-0" placeholder="(none)"/>
    </div>
</div>
<div class="col-lg-6 pl-lg-2 mb-2">
    <div class="ht-inline-form-group">
        <label>Content type:</label>
        <select id="contentTypesDropdown" name="content_type"
>
            </select>
    </div>
    <div class="d-flex">
        <label>Categories:</label>
        <div class="ht-multiselect ml-2">
            <div>(none)</div>
            <div id="categoriesDropdown" class="ht-
multiselect-list d-none">

                </div>
            </div>
        </div>
    <div class="d-flex">
        <label>Resolutions:</label>
        <div class="ht-multiselect ml-2">
            <div>(none)</div>
            <div id="resolutionsDropdown" class="ht-
multiselect-list d-none">

                <div class="ht-multiselect-list-item">
                    <input type="checkbox" value="0"/>
                    <label>Action</label>
                </div>
                <div class="ht-multiselect-list-item">
                    <input type="checkbox" value="0"/>
                    <label>Action</label>
                </div>
                <div class="ht-multiselect-list-item">
                    <input type="checkbox" value="0"/>
                    <label>Action</label>
                </div>
            </div>
        </div>
    </div>

```

```

                <div class="ht-multiselect-list-item">
                    <input type="checkbox" value="0"/>
                    <label>Action</label>
                </div>
            </div>
        </div>
    </div>
    <div class="col-12">
        <textarea name="description" class="w-75 h-input-
text" rows="4" placeholder="Enter description here..."></textarea>
    </div>
</div>
</div>
<div id="errorInfo" class="invalid-feedback text-right mb-2"></div>
<button id="addContentBtn" type="submit" name="addBtn" value="add" cl
ass="d-block w-25 ml-auto my-2 ht-btn">Add</button>
    <button id="updateContentBtn" type="button" name="updateBtn" value="u
pdate" class="d-none w-25 ml-auto my-2 ht-btn">Edit</button>
</div>
</form>
</div>
</div>
</div>

```

Logic

addContent.php

```
<?php
    session_start();

    require_once "dbConnection.php";

    if(isset($_POST["addBtn"])){
        $title = $_POST["title"];
        $year = $_POST["releaseYear"];
        $runtime = $_POST["runtime"];
        $rating = $_POST["rating"];
        $metascore = $_POST["metascore"];
        $contentType = $_POST["content_type"];
        $description = $_POST["description"];

        if($description == "")
            $description = null;

        $categories = $_POST["categories"];
        $resolutions = $_POST["resolutions"];

        $cover = $_FILES["coverImage"];
        $thumbnail = $_FILES["thumbnail"];
        try{

            $conn->beginTransaction();

            // ADD CONTENT
            $contentQuery = "INSERT INTO content(id,title,description,year_released,runtime,rating,metascore,content_types_id)
                                VALUES(NULL,:title,:description,:year,:runtime,:rating,:metascore,:contentType)";
            $stmContent = $conn->prepare($contentQuery);
            $stmContent->bindParam(":title",$title);
            $stmContent->bindParam(":year",$year);
            $stmContent->bindParam(":runtime",$runtime);
            $stmContent->bindParam(":rating",$rating);
            $stmContent->bindParam(":metascore",$metascore);
            $stmContent->bindParam(":contentType",$contentType);
            $stmContent->bindParam(":description",$description);
```

```

$stmtContent->execute();

// ADD CONTENT RESOLUTIONS
$contentId = $conn->lastInsertId();
$resolutionId = 0;
$contentResQuery = "INSERT INTO content_resolutions(content_id,resolution_id)
                    VALUES(:contentId,:resolutionId)";
$stmtContentRes = $conn->prepare($contentResQuery);
$stmtContentRes->bindParam(":contentId",$contentId);
$stmtContentRes->bindParam(":resolutionId",$resolutionId);

foreach($resolutions as $r){
    $resolutionId = $r;
    $stmtContentRes->execute();
}

// ADD CONTENT CATEGORIES
$categoryId = 0;
$contentCatQuery = "INSERT INTO content_categories(content_id,category_id)
                    VALUE(:contentId,:categoryId)";
$stmtContentCat = $conn->prepare($contentCatQuery);
$stmtContentCat->bindParam(":contentId",$contentId);
$stmtContentCat->bindParam(":categoryId",$categoryId);

foreach($categories as $c){
    $categoryId = $c;
    $stmtContentCat->execute();
}

// ADD CONTENT COVER IMAGE
$coverName = $cover["name"];
$coverTmp = $cover["tmp_name"];
$coverErr = $cover["error"];
if($coverErr){
    $_SESSION["addContentError"] = "Error uploading image.";
    header("Location: ../auth/manage_content_library.php");
}

$coverQuery = "INSERT INTO content_images(file_name,isCover,isThumbnail,content_id)
              VALUES(:fileName,1,0,:contentId)";

```

```

$coverStm = $conn->prepare($coverQuery);
$coverStm->bindParam(":fileName",$coverName);
$coverStm->bindParam(":contentId",$contentId);
$coverStm->execute();

$coverId = $conn->lastInsertId();

$coverNewName = $coverId . extractImageExtension($coverName);
$coverPath = "../images/cover/$coverNewName";

move_uploaded_file($coverTmp,$coverPath);

$coverUpdateStm = $conn->prepare("UPDATE content_images
                                SET file_path=:filePath
                                WHERE id=:coverId");

$coverUpdateStm-
>bindParam(":filePath", $coverPath);
$coverUpdateStm->bindParam(":coverId", $coverId);
$coverUpdateStm->execute();

// ADD CONTENT THUMBNAIL
$thumbName = $thumbnail["name"];
$thumbTmp = $thumbnail["tmp_name"];
$thumbErr = $thumbnail["error"];
if($thumbErr){
    $_SESSION["addContentError"] = "Error uploading image.";
    header("Location: ../auth/manage_content_library.php");
}

$thumbImgQuery = "INSERT INTO content_images(file_name,isCover,isThumbnail,content
t_id)
                                VALUES(:thumbName,0,1,:contentId)";

$thumbImgStm = $conn->prepare($thumbImgQuery);
$thumbImgStm->bindParam(":thumbName",$thumbName);
$thumbImgStm->bindParam(":contentId",$contentId);
$thumbImgStm->execute();

$thumbId = $conn->lastInsertId();

$thumbNewName = $thumbId . extractImageExtension($thumbName);
$thumbPath = "../images/thumb/$thumbNewName";
move_uploaded_file($thumbTmp, $thumbPath);

```

```

        $thumbUpdateStm = $conn->prepare("UPDATE content_images
                                           SET file_path=:filePath
                                           WHERE id=:thumbId");

        $thumbUpdateStm->
>bindParam(":filePath", $thumbPath);
        $thumbUpdateStm->bindParam(":thumbId", $thumbId);
        $thumbUpdateStm->execute();

        // ADD CONTENT WALLPAPERS
        $wName = "";
        $wallpapersQuery = "INSERT INTO content_images(file_name,isCover,isThumbnail,content_id)
                                VALUES(:wName,0,0,:contentId)";

        $wallpapersStm = $conn->prepare($wallpapersQuery);
        $wallpapersStm->bindParam(":wName", $wName);
        $wallpapersStm->bindParam(":contentId", $contentId);

        // ADD WALLPAPERS
        if(isset($_FILES["wallpapers"])){
            $wallpapers = $_FILES["wallpapers"];
            for($i = 0; $i < count($wallpapers["name"]);$i++){
                $wName = $wallpapers["name"][$i];
                if($wName == "")
                    break;

                $wTmp = $wallpapers["tmp_name"][$i];
                $wError = $wallpapers["error"][$i];
                if($wError){
                    $_SESSION["addContentError"] = "Error uploading image.";
                    header("Location: ../auth/manage_content_library.php");
                }

                $wallpapersStm->execute();
                $wId = $conn->lastInsertId();

                $wNewName = $wId . extractImageExtension($wName);
                $wPath = "../images/wallpapers/$wNewName";

                move_uploaded_file($wTmp,$wPath);

                $wUpdateStm = $conn->prepare("UPDATE content_images
                                           SET file_path=:wPath
                                           WHERE id=:wId");

                $wUpdateStm->bindParam(":wPath", $wPath);
                $wUpdateStm->bindParam(":wId", $wId);

```

```

        $wUpdateStm->execute();

    }

}

$conn->commit();
$_SESSION["addContentSuccess"] = "Content added successfully.";
header("Location: ../auth/manage_content_library.php");
}
catch(PDOException $e){
    $_SESSION["addContentError"] = "Unable to add content.";
    header("Location: ../auth/manage_content_library.php");
}
}

function extractImageExtension($name){
    return substr($name, strrpos($name, "."));
}

?>

```

bookmarks_processor.php

```
<?php
    session_start();

    $rootPath = $_SERVER["DOCUMENT_ROOT"];
    require_once "$rootPath/logic/dbConnection.php";

    if(!isset($_SESSION["user"]) and isset($_GET["offset"])){
        http_response_code(403);
        header("Location: $rootPath/403.php");
        exit;
    }

    try{
        $userId = $_SESSION["user"]->id;
        $offset = intval($_GET["offset"]);

        $bookmarkQuery = "SELECT content.id AS con_id, title, file_path FROM content
                           INNER JOIN content_images ON content.id = content_images.con
ent_id
                           INNER JOIN user_bookmarks AS bookmarks ON bookmarks.content_i
d = content.id
                           WHERE content_images.isCover = 1 AND bookmarks.user_id = :use
r
                           LIMIT 8 OFFSET :offset";

        $stm = $conn->prepare($bookmarkQuery);
        $stm->bindParam(":user",$userId);
        $stm->bindParam(":offset",$offset, PDO::PARAM_INT);

        $stm->execute();

        $result = $stm->fetchAll();
        // http_response_code(500);
        // die("$offset");

        header("Content-Type: application/json");
        echo json_encode($result);
    }
    catch(PDOException $e){
        http_response_code(500);
        die("Error fetching bookmarks.");
    }
}
```




?>

business_processor.php

```
<?php

    if(!(isset($_POST["businessBtn"]) and isset($_POST["email"]) and isset($_POST["message"]))) {
        http_response_code(400);
        die("Incomplete input data.");
    }

    $email = $_POST["email"];
    $message = $_POST["message"];

    if(!preg_match("/^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/", $email)) {
        http_response_code(422);
        die("Invalid email format");
    }
    else if($message == "") {
        http_response_code(422);
        die("Invalid subject format.");
    }

    header("Content-Type: application/json");
    echo json_encode(["message" => "Email sent successfully."]);
?>
```

contact_processor.php

```
<?php

    if(!(isset($_POST["contactBtn"]) and isset($_POST["email"]) and isset($_POST["subject"]) and isset($_POST["message"]))) {
        http_response_code(400);
        die("Incomplete input data.");
    }

    $email = $_POST["email"];
    $subject = $_POST["subject"];
    $message = $_POST["message"];

    if(!preg_match("/^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/", $email)){
        http_response_code(422);
        die("Invalid email format");
    }
    else if(!preg_match("/^[A-z\d-]+(\s([A-z\d-]+))*$/", $subject)){
        http_response_code(422);
        die("Invalid subject format.");
    }
    else if($message == ""){
        http_response_code(422);
        die("Invalid subject format.");
    }

    header("Content-Type: application/json");
    echo json_encode(["message" => "Email sent successfully."]);
?>
```

dbConnection.php

```
<?php

$debug = true;

$host = "localhost";
if($debug){
    $dbName = "hometheater";
    $dbUser = "root";
    $dbPassword = "";
}

try{
    $conn = new PDO("mysql:host=$host;dbname=$dbName",$dbUser,$dbPassword);
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    $conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
}
catch(PDOException $e){
    http_response_code(500);
    die("Could not connect to the database.");
}

?>
```

getAllCategories.php

```
<?php

require_once "dbConnection.php";

$categories = [];

$stmt = $conn->query("SELECT * FROM categories");

foreach($stmt->fetchAll() as $c)
    $categories[] = $c;

if(isset($_POST["ajax"])){
    header("Content-Type: application/json");
    echo json_encode($categories);
}

?>
```

getAllContentTypes.php

```
<?php

require_once "dbConnection.php";

$content_types = [];

$stmt = $conn->query("SELECT * FROM content_types");

foreach($stmt->fetchAll() as $c_types)
    $content_types[] = $c_types;

?>
```

getAllResolutions.php

```
<?php

    require_once "dbConnection.php";

    $resolutions = [];

    $stm = $conn->query("SELECT * FROM resolutions");

    foreach($stm->fetchAll() as $r)
        $resolutions[] = $r;
?>
```

getContentInfo.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/dbConnection.php";

if(!isset($_POST["id"])){
    http_response_code(400);
    die("Incomplete input data");
}

$id = $_POST["id"];

$contentInfoQuery = "SELECT content.id AS content_id, title,description, year_release
d, rating, runtime, metascore,
                        content_types_id, con_res.resolution_id AS res_id, con_im
g.id AS img_id, file_name, file_path, isCover,isThumbnail, con_cat.category_id AS cat_id
FROM content
INNER JOIN content_categories as con_cat ON content.id =
con_cat.content_id
INNER JOIN content_resolutions AS con_res ON con_res.cont
ent_id = content.id
INNER JOIN content_images AS con_img ON con_img.content_i
d = content.id
WHERE content.id=:id";

$contentStm = $conn->prepare($contentInfoQuery);
$contentStm->bindParam(":id",$id);
$contentStm->execute();

$data = $contentStm->fetchAll();

$contentInfo = ["id" => $data[0]->content_id,
                "title" => $data[0]->title,
                "description" => $data[0]->description,
                "yearReleased" => $data[0]->year_released,
                "runtime" => $data[0]->runtime,
                "rating" => $data[0]->rating,
                "metascore" => $data[0]->metascore,
                "contentType" => $data[0]->content_types_id];

$resolutions = [];
$categories = [];
$images = ["id" => [], "file_name" => [], "file_path" => [], "isCover" => [], "isThum
bnail" => []];
```



```

foreach($data as $c){
    if(!in_array($c->res_id, $resolutions))
        $resolutions[] = $c->res_id;
    if(!in_array($c->img_id, $images["id"])){
        array_push($images["id"], $c->img_id);
        array_push($images["file_name"], $c->file_name);
        array_push($images["file_path"], $c->file_path);
        array_push($images["isCover"], $c->isCover);
        array_push($images["isThumbnail"], $c->isThumbnail);
    }
    if(!in_array($c->cat_id, $categories))
        $categories[] = $c->cat_id;
}

header("Content-Type: application/json");
echo json_encode(["info" => $contentInfo, "resolutions" => $resolutions, "categories"
=> $categories, "images" => $images]);
?>

```

getContentItems.php

```
<?php

if(session_status() != PHP_SESSION_ACTIVE){
    session_start();

    if(isset($_SESSION["user"]))
        $user = $_SESSION["user"];
    else
        $user = null;
}
else
    $user = null;

$root = $_SERVER["DOCUMENT_ROOT"];
require_once "$root/logic/dbConnection.php";

if(!(isset($_GET["offset"]) and isset($_GET["contentType"])) and isset($_GET["search"]
)){
    http_response_code(400);
    die("Incomplete input data");
}

$offset = $_GET["offset"];
$contentType = $_GET["contentType"];
$search = $_GET["search"];

$search = trim($search);

$searchQuery = "";
if($search != ""){
    $searchQuery = "AND INSTR(title,:search) > 0 ";
}
$offset = intval($offset);

if(isset($_GET["limit"]))
    $limit = intval($_GET["limit"]);
else
    $limit = 8;
```

```

    if(isset($_GET["category"]) and ($_GET["category"] != "0")){
        $category = intval($_GET["category"]);
        $categoryJoin = "INNER JOIN content_categories AS con_cat ON con_cat.content_id =
content.id";
        $categoryFilter = "AND con_cat.category_id = :category";
    }
    else{
        $categoryJoin = "";
        $categoryFilter = "";
    }

    if(isset($_GET["sort"])){
        $sort = $_GET["sort"];
        $sortCrit = "";
        switch($sort){
            case 1:
                $sortCrit = "ORDER BY title ASC";
                break;
            case 2:
                $sortCrit = "ORDER BY title DESC";
                break;
            case 3:
                $sortCrit = "ORDER BY rating DESC";
                break;
            case 4:
                $sortCrit = "ORDER BY year_released ASC";
                break;
            case 5:
                $sortCrit = "ORDER BY year_released DESC";
                break;
            default:
                $sortCrit = "ORDER BY year_released DESC";
                break;
        }
    }
    else
        $sortCrit = "";

    $bookmarksJoin = "";
    $bookmarksFilter = "";
    $bookmarksColumn = "";
    if($user != null){
        $bookmarksJoin = "LEFT JOIN (SELECT content_id, user_id FROM user_bookmarks WHERE
user_id = :user) AS bookmarks

```

```

        ON bookmarks.content_id = content.id";
        $bookmarksColumn = ",bookmarks.user_id AS user";
    }

    $getContentQuery = "SELECT content.id, title, year_released, runtime,rating, metascore, file_path $bookmarksColumn FROM content
    INNER JOIN content_images AS images ON content.id = images.content_id
    $categoryJoin
    $bookmarksJoin
    WHERE images.isCover = 1 AND content.content_types_id = :c_type $searchQuery $categoryFilter
    $sortCrit
    LIMIT :limit OFFSET :offset;";

    $contentStm = $conn->prepare($getContentQuery);
    $contentStm->bindParam(":offset",$offset,PDO::PARAM_INT);
    $contentStm->bindParam(":c_type",$contentType);
    $contentStm->bindParam(":limit",$limit, PDO::PARAM_INT);

    if($search != ""){
        $contentStm->bindParam(":search", $search);
    }
    if(isset($_GET["category"]) and $_GET["category"] != "0"){
        $contentStm->bindParam(":category",$category);
    }
    if($user != null)
        $contentStm->bindParam(":user", $user->id);

    $query = $contentStm->queryString;
    $contentStm->execute();

    // $rows = $contentStm->rowCount();
    // die("$rows");
    $contentList = $contentStm->fetchAll();

    header("Content-Type: application/json");
    echo json_encode($contentList);

//     SELECT content.id, title, year_released, runtime,rating, metascore, file_path, bookmarks.user_id AS user FROM content
//     INNER JOIN content_images AS images ON content.id = images.content_id
//     INNER JOIN content_categories AS con_cat ON con_cat.content_id = content.id
//     LEFT JOIN user_bookmarks AS bookmarks ON bookmarks.content_id = content.id

```

```
// WHERE images.isCover = 1 AND content.content_types_id = 1 AND con_cat.category_id = 1
// LIMIT 24 OFFSET 0

?>
```

getContentWithWallpapers.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require "$rootPath/logic/dbConnection.php";

$selectQuery = "SELECT content.id AS con_id,title,description, file_path FROM content
                INNER JOIN content_images AS con_img ON con_img.content_id=content.id
                WHERE con_img.isCover = 1 AND description IS NOT NULL
                AND content.id IN (SELECT content_id FROM content_images WHERE is
Thumbnail = 0 AND isCover = 0)
                ORDER BY year_released DESC
                LIMIT 10 OFFSET 0;";
$selectStm = $conn->query($selectQuery);

$result = $selectStm->fetchAll();

$contents = [];
foreach($result as $r){
    $contentItem = [];
    $contentItem["info"] = $r;
    $wallpapers = [];

    $selectWallpapersQuery = "SELECT file_path FROM content_images
                              WHERE content_id=:contentId AND isThumbnail = 0 AND i
sCover = 0;";
    $wallStm = $conn->prepare($selectWallpapersQuery);
    $wallStm->bindParam(":contentId", $r->con_id);

    $wallStm->execute();

    $wallData = $wallStm->fetchAll();

    foreach($wallData as $w)
        $wallpapers[] = $w->file_path;

    $contentItem["wallpapers"] = $wallpapers;

    $contents[] = $contentItem;
}

header("Content-Type: application/json");
echo json_encode($contents);
```

```
?>
```

getCTRC.php

```
<?php

require_once "getAllCategories.php";
require_once "getAllContentTypes.php";
require_once "getAllResolutions.php";

header("Content-Type: application/json");
echo json_encode(["categories" => $categories,"c_types" => $content_types,"resolutions" => $resolutions])
?>
```


login_processor.php

```
<?php
    if(!session_id())
        session_start();

    $email = $_POST["email"];
    $password = $_POST["password"];

    if(!preg_match("/^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/", $email)){
        http_response_code(422);
        die("Invalid email format");
    }
    else if(!preg_match("/^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)[A-Za-z\d]{8,}$/", $password)){
        http_response_code(422);
        die("Invalid password format.");
    }

    $email = addslashes($email);

    require_once "dbConnection.php";

    $stm = $conn->prepare("SELECT * FROM users WHERE email=:email");
    $stm->bindParam(":email",$email);

    $stm->execute();
    if($stm->rowCount() == 0){
        http_response_code(500);
        die("There is no account associated with this email.");
    }
    else{
        $user = $stm->fetch();
        if(!password_verify($password,$user->password)){
            http_response_code(500);
            die("Password is incorrect.");
        }
    }

    $_SESSION["user"] = $user;

    header("Content-Type: application/json");
    echo json_encode(["redirect" => "index.php"]);
?>
```

menuFetcher.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/dbConnection.php";
function getMenuItems($menuName){

    global $conn;
    $selectQuery = "SELECT menu_items.name AS item_name, href, role_id FROM menu_item
S
                                INNER JOIN menus ON menus.id = menu_items.menu_id
                                WHERE menus.name = :menu;";
    $stm = $conn->prepare($selectQuery);
    $stm->bindParam(":menu",$menuName);
    $stm->execute();

    return $stm->fetchAll();
}
?>
```

register_processor.php

```
<?php
    session_start();

    if(!(isset($_POST["registerBtn"]) and isset($_POST["email"]) and isset($_POST["password"]) and isset($_POST["subscription"]))) {
        http_response_code(400);
        die("Incomplete input data.");
    }

    $email = $_POST["email"];
    $password = $_POST["password"];
    $subscription = $_POST["subscription"];

    if(!preg_match("/^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/", $email)){
        http_response_code(422);
        die("Invalid email format");
    }
    else if(!preg_match("/^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)[A-Za-z\d]{8,}$/", $password)){
        http_response_code(422);
        die("Invalid password format.");
    }

    $email = addslashes($email);

    require_once "dbConnection.php";

    $stm = $conn->prepare("SELECT * FROM users WHERE email=:email");
    $stm->bindParam(":email",$email);

    $stm->execute();
    if($stm->rowCount() > 0){
        http_response_code(500);
        die("You have already registered.");
    }

    $key = getRandomString(128);
    $password = password_hash($password,PASSWORD_DEFAULT);
    $addUserQuery = "INSERT INTO users(email,password,role_id,subscription_types_id)
                    VALUES(:email,:password,2,:subscriptionTypesId)";
    $addStm = $conn->prepare($addUserQuery);
```

```

    $addStm->bindParam(":email",$email);
    $addStm->bindParam(":password",$password);
    // $addStm->bindParam(":activationKey",$key);
    $addStm->bindParam(":subscriptionTypesId",$subscription);

    $addStm->execute();
    $userId = $conn->lastInsertId();

    $getUserStm = $conn->prepare("SELECT * FROM users WHERE id=:id");
    $getUserStm->bindParam(":id",$userId);

    $getUserStm->execute();

    $user = $getUserStm->fetch();
    // $headers = 'From: ' . $email . "\r\n".
    // 'X-Mailer: PHP/' . phpversion();

    // $mailMessage = "Activation link for your account on HomeTheater:\n";
    // $mailMessage.= "http://localhost/home-theater/logic/activate?id=$userId&key=$key";
    // $mailMessage = wordwrap($mailMessage,69);

    // mail($email,"HomeTheater - Account activation",$mailMessage,$headers);

    $_SESSION["user"] = $user;

    header("Content-Type: application/json");
    echo json_encode(["redirect" => "login.php"]);

    function getRandomString($n) {
        $characters = '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';
        $randomString = '';

        for ($i = 0; $i < $n; $i++) {
            $index = rand(0, strlen($characters) - 1);
            $randomString .= $characters[$index];
        }

        return $randomString;
    }
?>

```

removeContentItem.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/dbConnection.php";

if(!isset($_POST["id"])){
    http_response_code(400);
    die("Incomplete input data");
}

$id = $_POST["id"];

$conn->beginTransaction();

$imagesQuery = "SELECT * FROM content_images WHERE content_id=:id";
$imagesStm = $conn->prepare($imagesQuery);
$imagesStm->bindParam(":id",$id);
$imagesStm->execute();

$images = $imagesStm->fetchAll();

$deleteStm = $conn->prepare("DELETE FROM content WHERE id=:id");
$deleteStm->bindParam(":id",$id);
$deleteStm->execute();

$transSuccess = $conn->commit();

if($transSuccess)
    foreach($images as $img)
        unlink($img->file_path);

$message = "Content deleted successfully.";
header("Content-Type: application/json");
echo json_encode(["message" => $message]);

?>
```

setUserBookmark.php

```
<?php

session_start();

if(!isset($_SESSION["user"]))
    die("User not logged in");

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require "$rootPath/logic/dbConnection.php";

if(!(isset($_POST["content_id"]) and isset($_POST["set_state"]))) {
    http_response_code(400);
    die("Incomplete input data.");
}

define("BOOKMARK_SET_STATE_ADD", 0);
define("BOOKMARK_SET_STATE_DELETE", 1);

$userId = $_SESSION["user"]->id;
$contentId = $_POST["content_id"];
$setState = $_POST["set_state"];

// die("User id: $userId, Content id: $contentId");

try{
    if($setState == BOOKMARK_SET_STATE_ADD){
        $bookmarkSetQuery = "INSERT INTO user_bookmarks(user_id, content_id)
                                VALUES(:userId, :contentId)";
        $bookmarkStm = $conn->prepare($bookmarkSetQuery);
        $bookmarkStm->bindParam(":userId", $userId);
        $bookmarkStm->bindParam(":contentId", $contentId);
    }
    else if($setState == BOOKMARK_SET_STATE_DELETE){
        $bookmarkSetQuery = "DELETE FROM user_bookmarks
                                WHERE user_id=:userId AND content_id=:contentId";
        $bookmarkStm = $conn->prepare($bookmarkSetQuery);
        $bookmarkStm->bindParam(":userId", $userId);
        $bookmarkStm->bindParam(":contentId", $contentId);
    }

    $bookmarkStm->execute();
}
```

```
header("Content-Type: application/json");
echo json_encode(["message" => "Bookmark set successfully."]);
}
catch(PDOException $e){
    http_response_code(500);
    $message= $e->getMessage();
    die("$message");
}
```

?>

survey_processor.php

```
<?php
    session_start();

    $rootPath = $_SERVER["DOCUMENT_ROOT"];
    require_once "$rootPath/logic/dbConnection.php";

    if(!isset($_POST["surveyBtn"]) or !isset($_SESSION["user"])){
        http_response_code(400);
        die("Incomplete input data.");
    }

    $postData = $_POST;
    $user = $_SESSION["user"];
    unset($postData["surveyBtn"]);

    $query = "INSERT INTO user_survey_answers(survey_question_answer_id,user_id)
              VALUES(:answerId,:userId)";
    $conn->beginTransaction();

    $stm = $conn->prepare($query);
    $stm->bindParam(":userId",$user->id);

    foreach($postData as $answerId){
        $stm->bindParam(":answerId",$answerId);
        $stm->execute();
    }

    $conn->commit();

    $_SESSION["surveyMsg"] = "Thank you for your time !";

    header("Location: ../index.php");
?>
```


SurveyLib.php

```
<?php

class SurveyQuestion{
    public $info;
    public $answers = [];
}
class Survey{
    public $info;
    public $questions = [];
}

?>
```

updateContent.php

```
<?php

$rootPath = $_SERVER["DOCUMENT_ROOT"];
require_once "$rootPath/logic/dbConnection.php";

if(!(isset($_POST["id"])
and isset($_POST["title"])
and isset($_POST["releaseYear"])
and isset($_POST["rating"])
and isset($_POST["metascore"])
and isset($_POST["runtime"]))) {
    http_response_code(400);
    die("Incomplete input data.");
}

$id = $_POST["id"];
$title = $_POST["title"];
$releaseYear = $_POST["releaseYear"];
$runtime = $_POST["runtime"];
$rating = $_POST["rating"];
$metascore = $_POST["metascore"];
$description = $_POST["description"];

if($description == "")
    $description = null;

$updateQuery = "UPDATE content
                SET title=:title,description=:description, year_released=:releaseYear
, runtime=:runtime, rating=:rating, metascore=:metascore
                WHERE id=:id;";
$updateStm = $conn->prepare($updateQuery);
$updateStm->bindParam(":id", $id);
$updateStm->bindParam(":title", $title);
$updateStm->bindParam(":releaseYear", $releaseYear);
$updateStm->bindParam(":rating", $rating);
$updateStm->bindParam(":runtime", $runtime);
$updateStm->bindParam(":metascore", $metascore);
$updateStm->bindParam(":description", $description);

$updateStm->execute();

header("Content-Type: application/json");
echo json_encode(["message" => "Content updated successfully."]);
```

```
?>
```