Visoka skola strukovnih studija za
informacione i komunikacione
tehnologije

HomeTheater

Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje PHP 1

Andrej Zarkovski 22/18

Sadržaj

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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 ucitavanje navigacionog menija, menija u futeru, i account panel menija
- Dinamicko ucitavanje naslovnica filmova i serija
- Slajder najnovijih filmova
- Anketa i pamcenje 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

Bookmark List

Manage Content Library

Index (authorized)

Movies/TV Shows pages

Contact

About
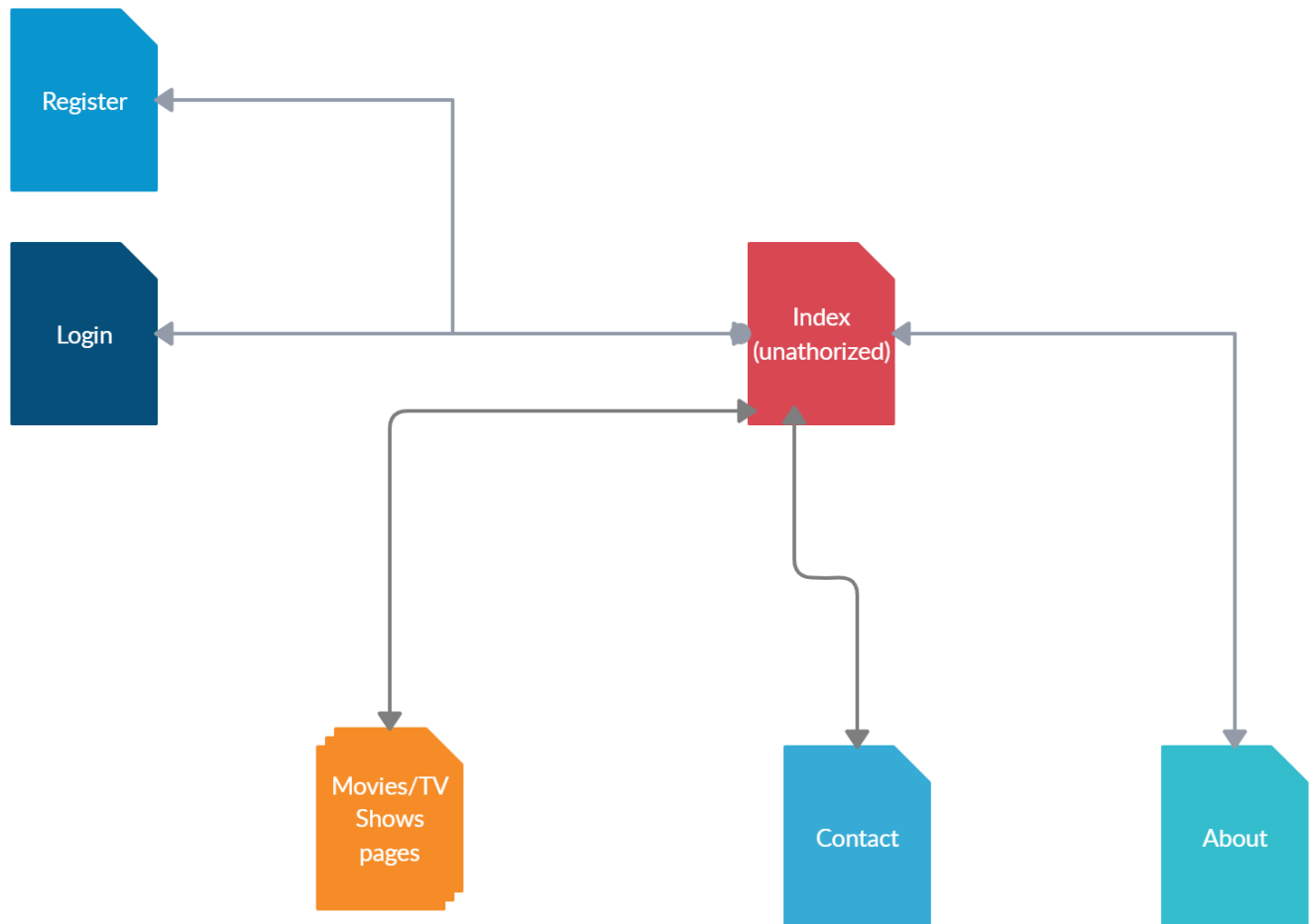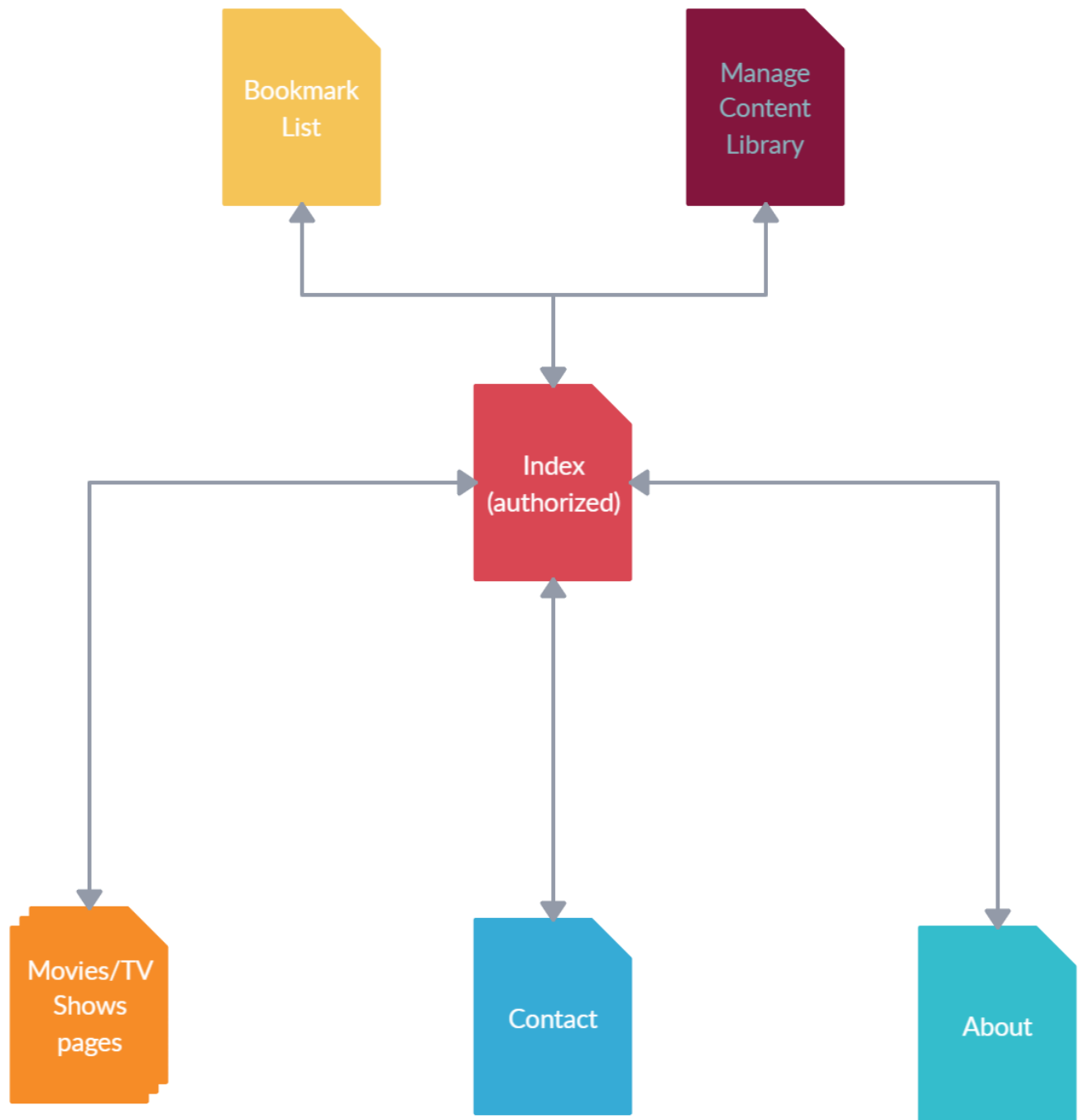
Mapa sajta

```xml
<?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>
```

```xml
  </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
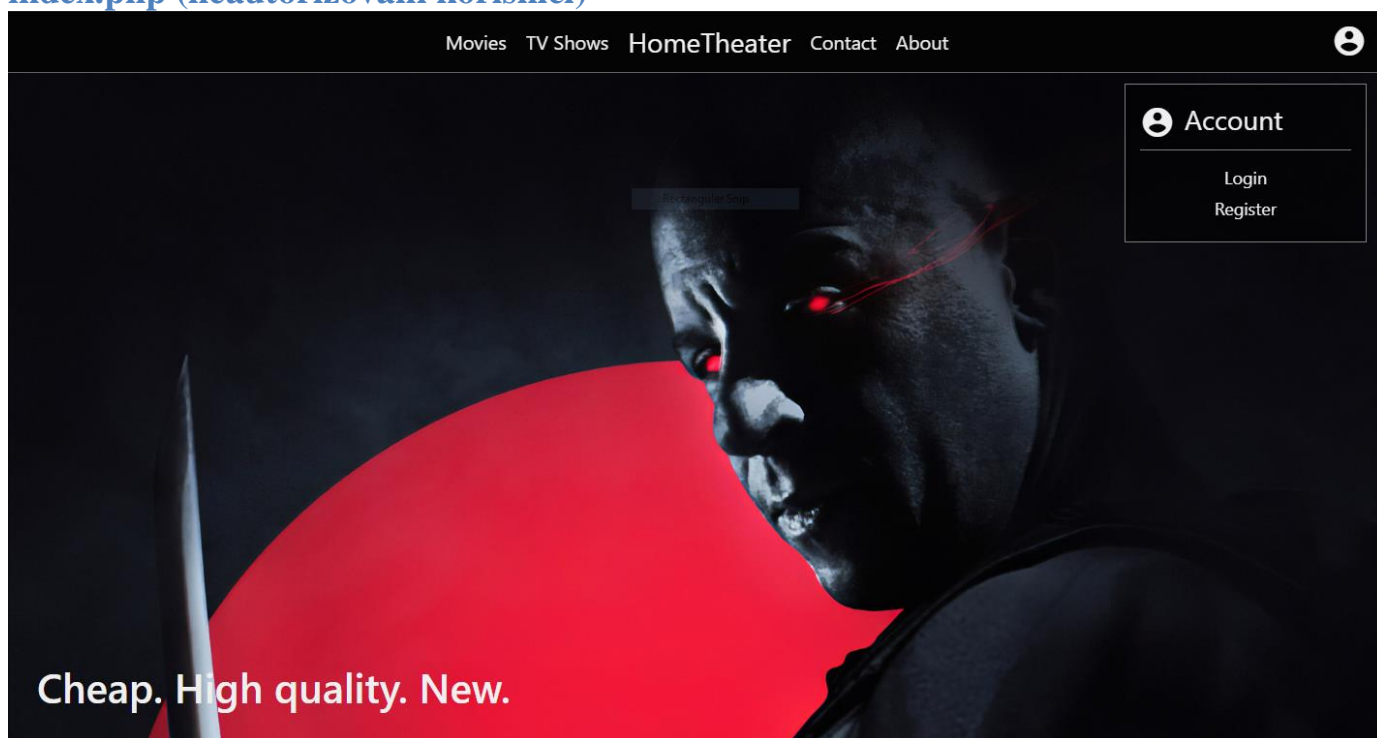
Na svakoj stranici se nalazi dinamicki ucitan navigacioni meni koji je fiksan, a u gornjem desnom uglu se nalazi dugme koje otvara dijalog sa linkovima ka login-u/registraciji.
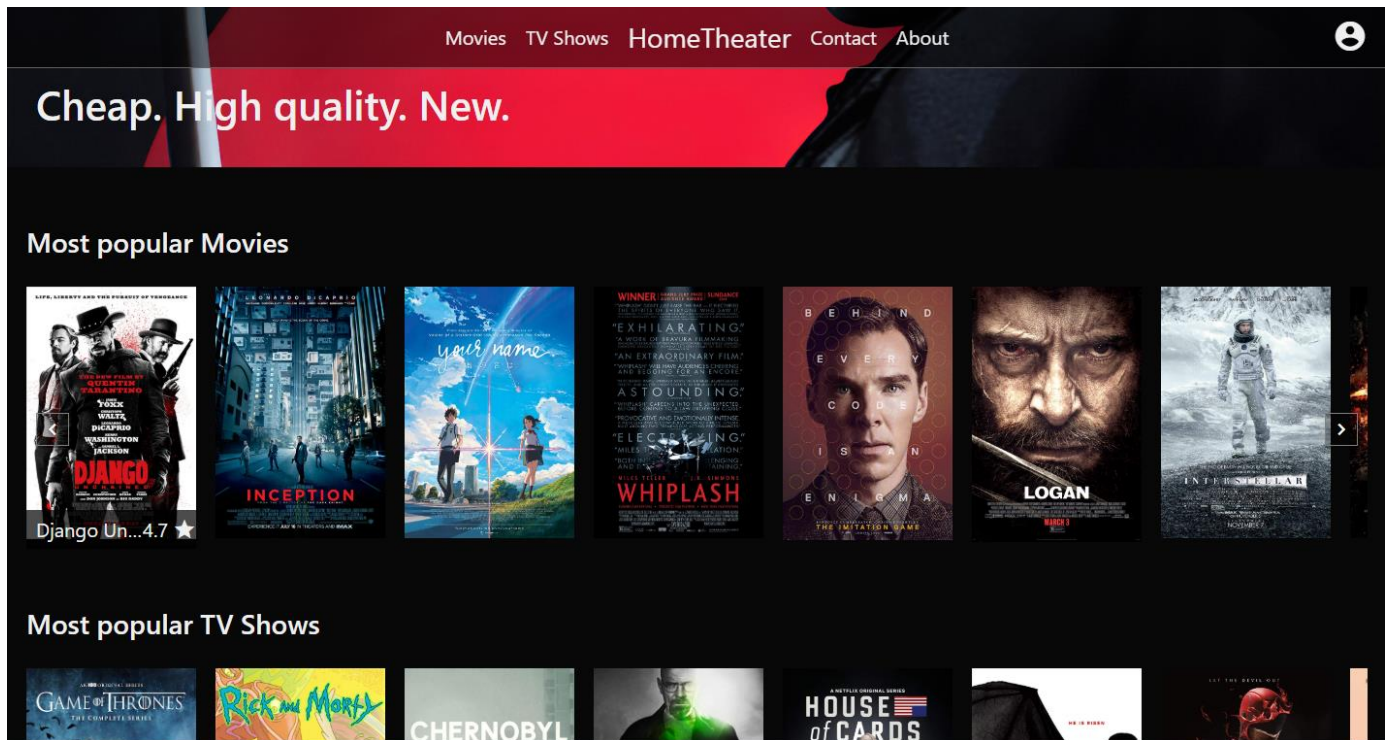
Potom imamo dve sekcije sa najpopularnijim filmovima i serijama. Sa leve i desne strane sekcije, nalaze se navigacioni dugmici koji skroluju sekciju u horizontalnom smeru.

Prelaskom misa preko stavke sekcije (filma/serije), prikazuje se ime tog filma, kao i prosecna ocena od svih korisnika koji su ocenili film.
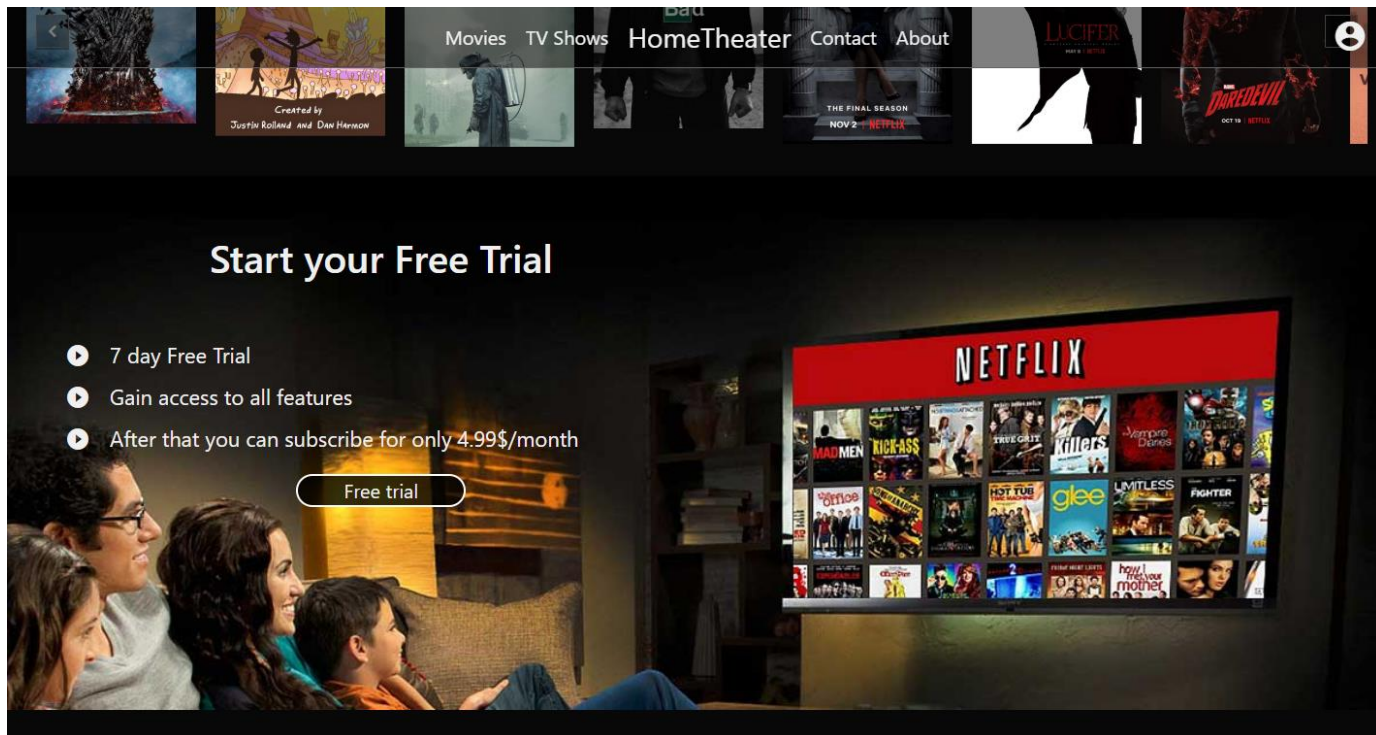
Staticka sekcija za besplatno testiranje sajta na 7 dana.
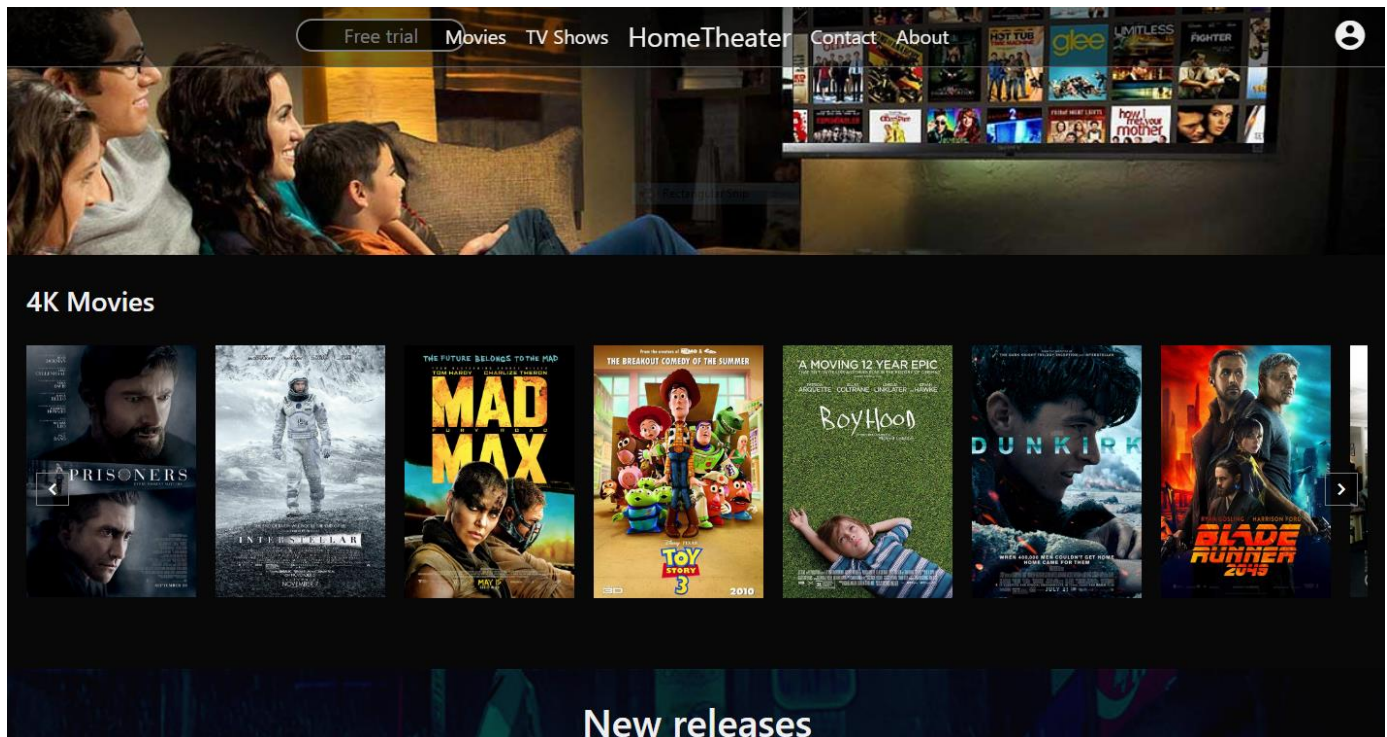
Nakon toga imamo sekciju sa listom filmova u 4K rezoluicji.

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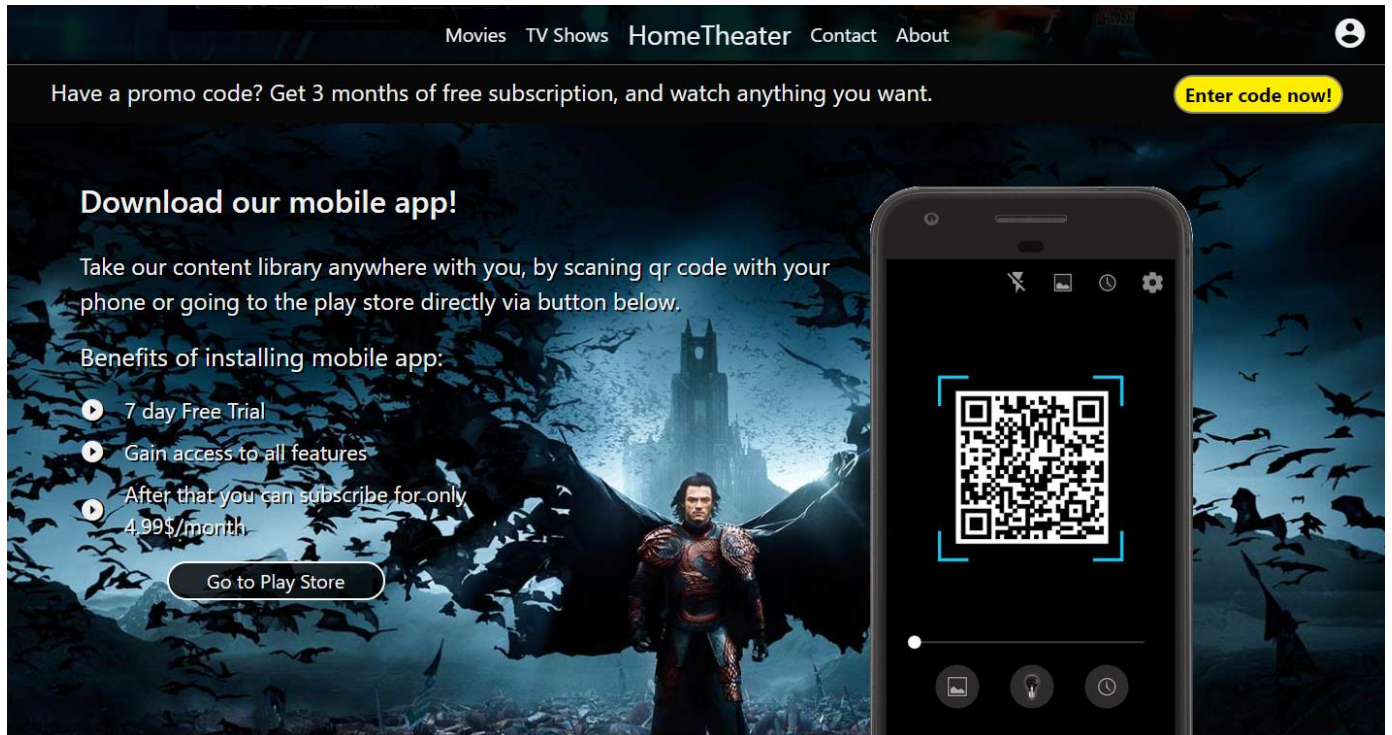
Dve staticke sekcije za unosenje promo koda za popust na pretplatu i za promovisanje mobilne aplikacije.

Best rated Movies by critics

Boyhood   3.9 ★

General	Socials	Legal	Account	Subscribe to our newsletter
Movies	Facebook	Privacy	Report a Problem	
TV Shows	Twitter	Terms of Use	Login	
Contact	Instagram	Disclaimer	Register	
About		DMCA		
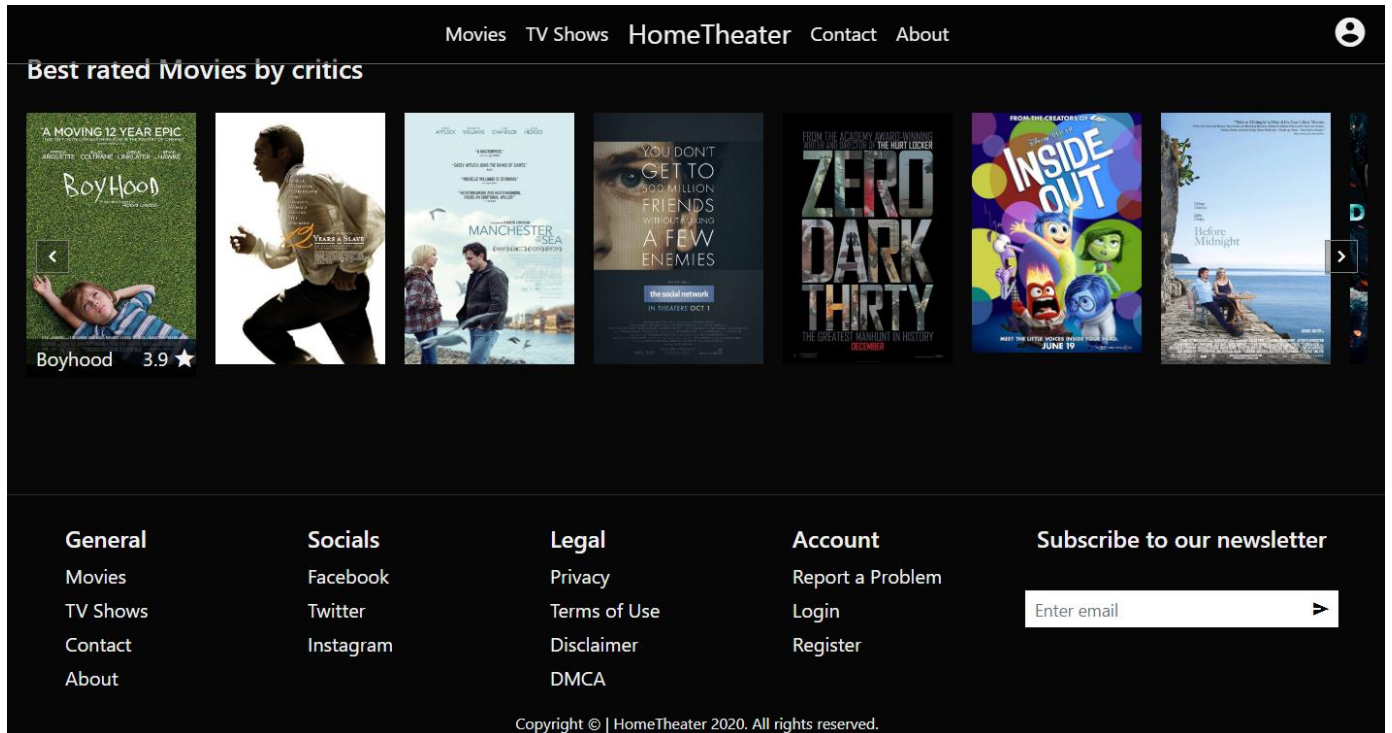
Odmah ispod nalazi se sekcija sa filmovima najbolje ocenjenim od strane kriticara kao i futer sa dinamciki ucitanim linkovima.

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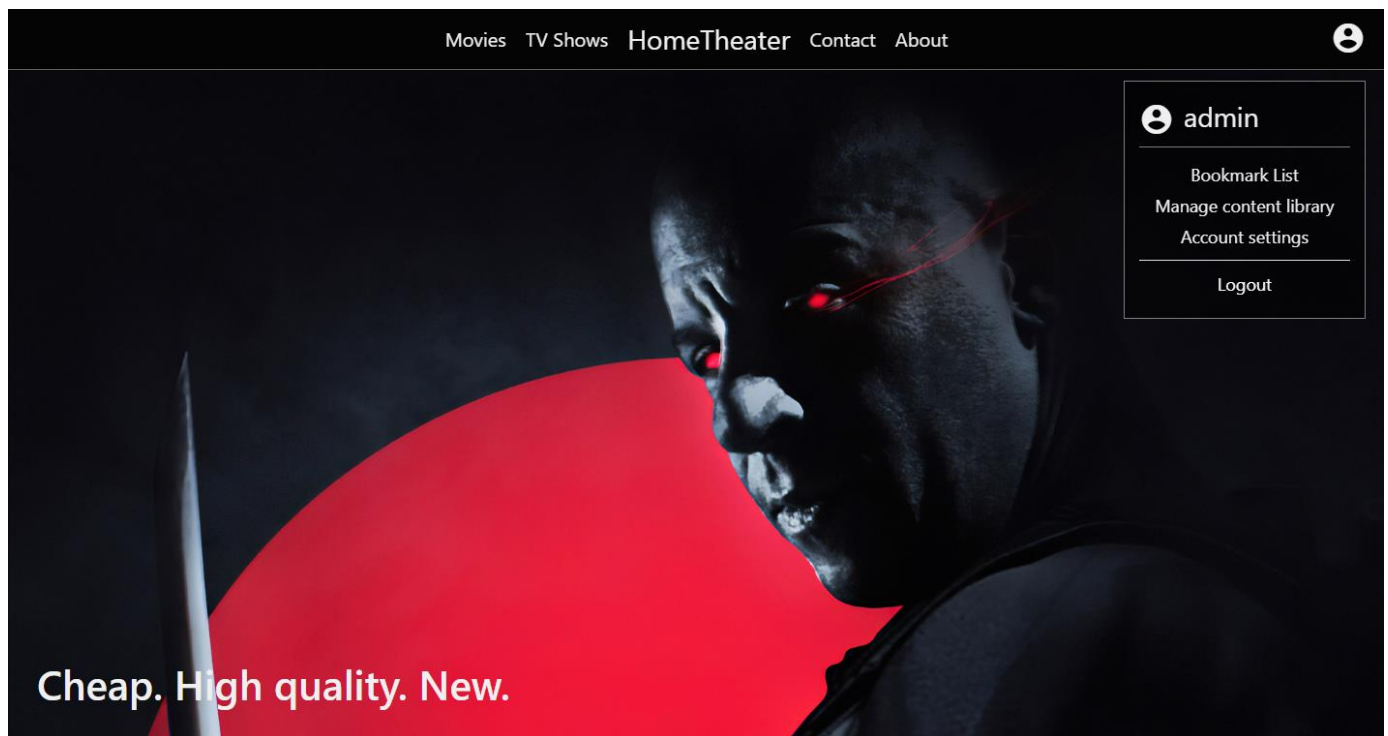
Dijalog za nalog kod autorizovanih korisnika ima linkove koji su prikazani na slici iznad, s tim sto samo admin nalozi imaju link »Manage content library«, dok ostali autorizovani korisnici nemaju.

P.S. Link »Account settings« je samo dekoracija/za popunu prostora menija.
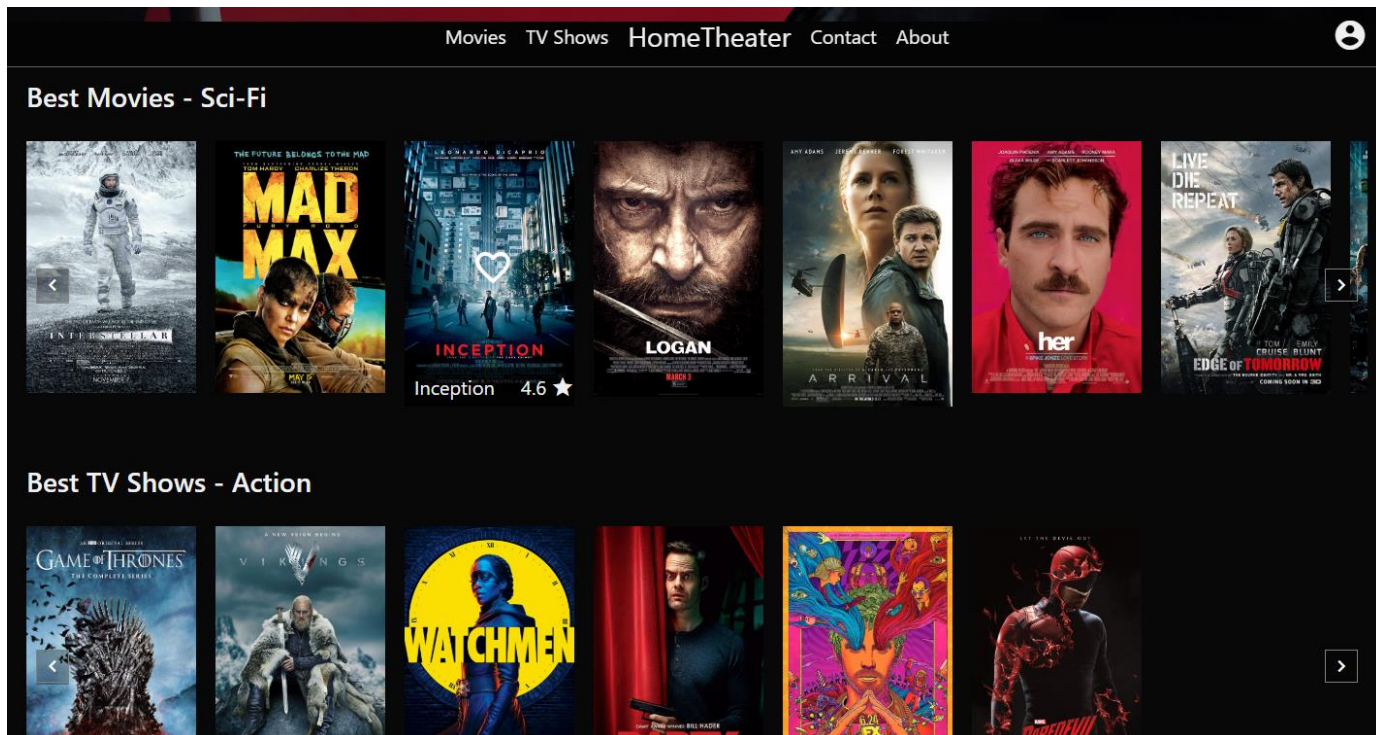
Na pocetnom delu stranice nalaze se dve sekcije sa filmovima i serijama sa nasumicno odabranim kategorijama.

Prelaskom misa preko bilo kojeg filma/serije pojavljuje se srce, cijim se klikom taj film/serija dodaje u boomark listu za ulogovanog korisnika.
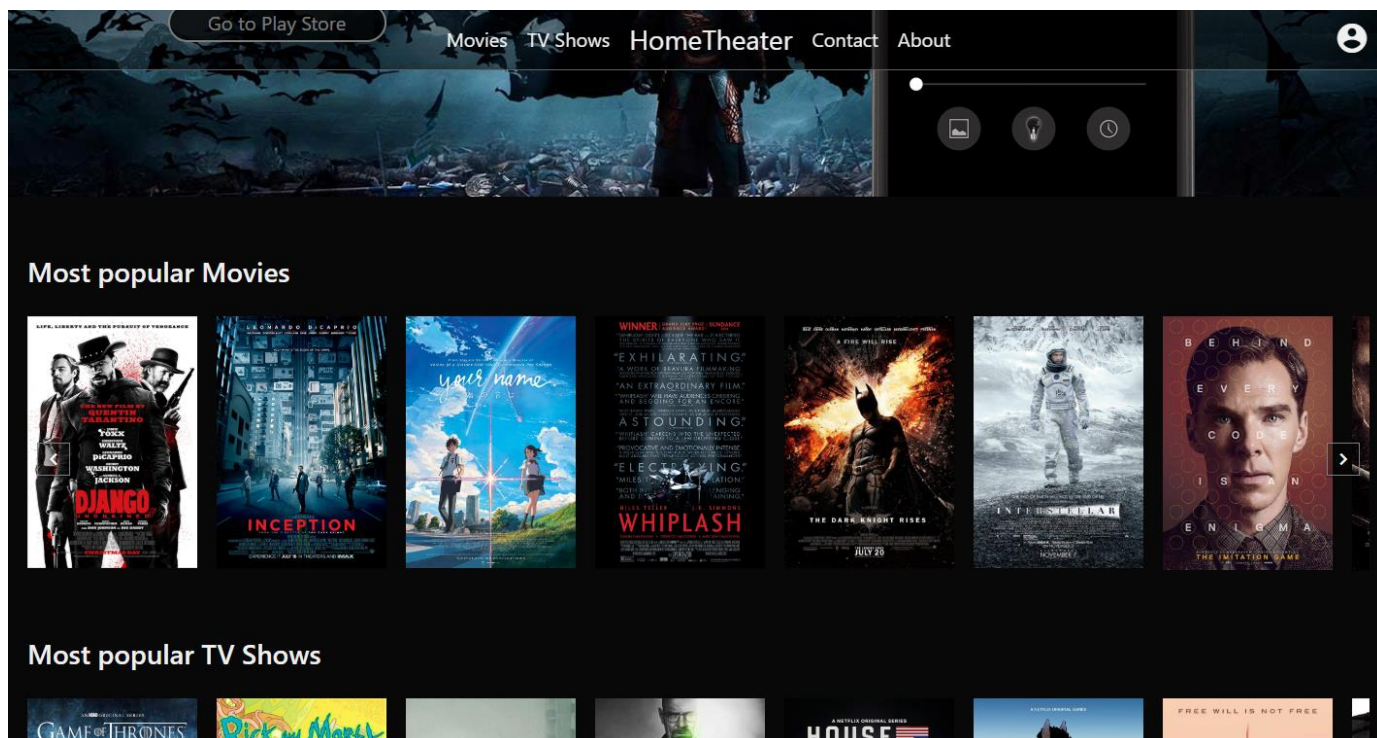
Sekcije »Most popular Movies« i »Most popular TV Shows« su ostale nepromenjene, i pomerene su na dno stranice, gde su pre bile pri vrhu kod neautorizovanih korisnika.

Sekcije »New releases«, »4K Movies«, sekcija za mobilnu aplikaciju, kao i futer ostali su nepromenjeni.
Sekcija za promo kod je sakrivena kod autorizovanih korisnika.

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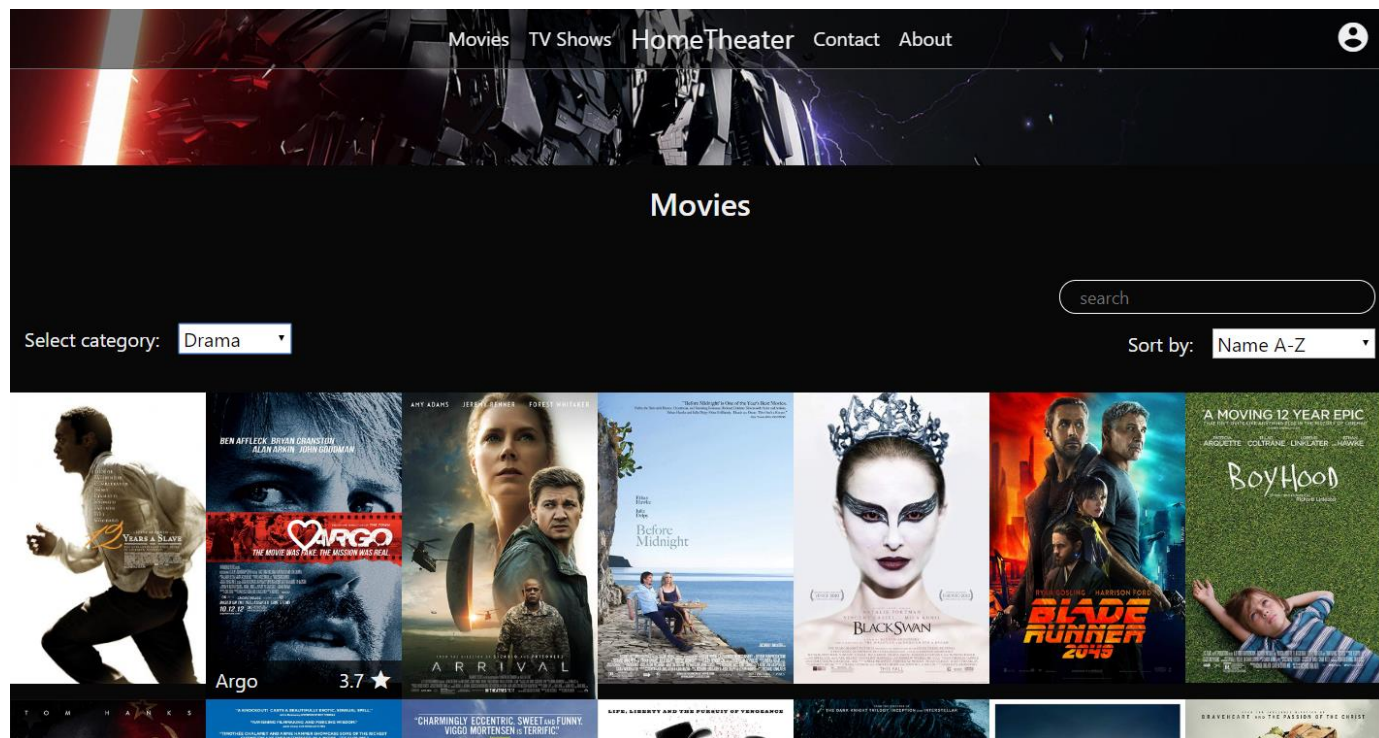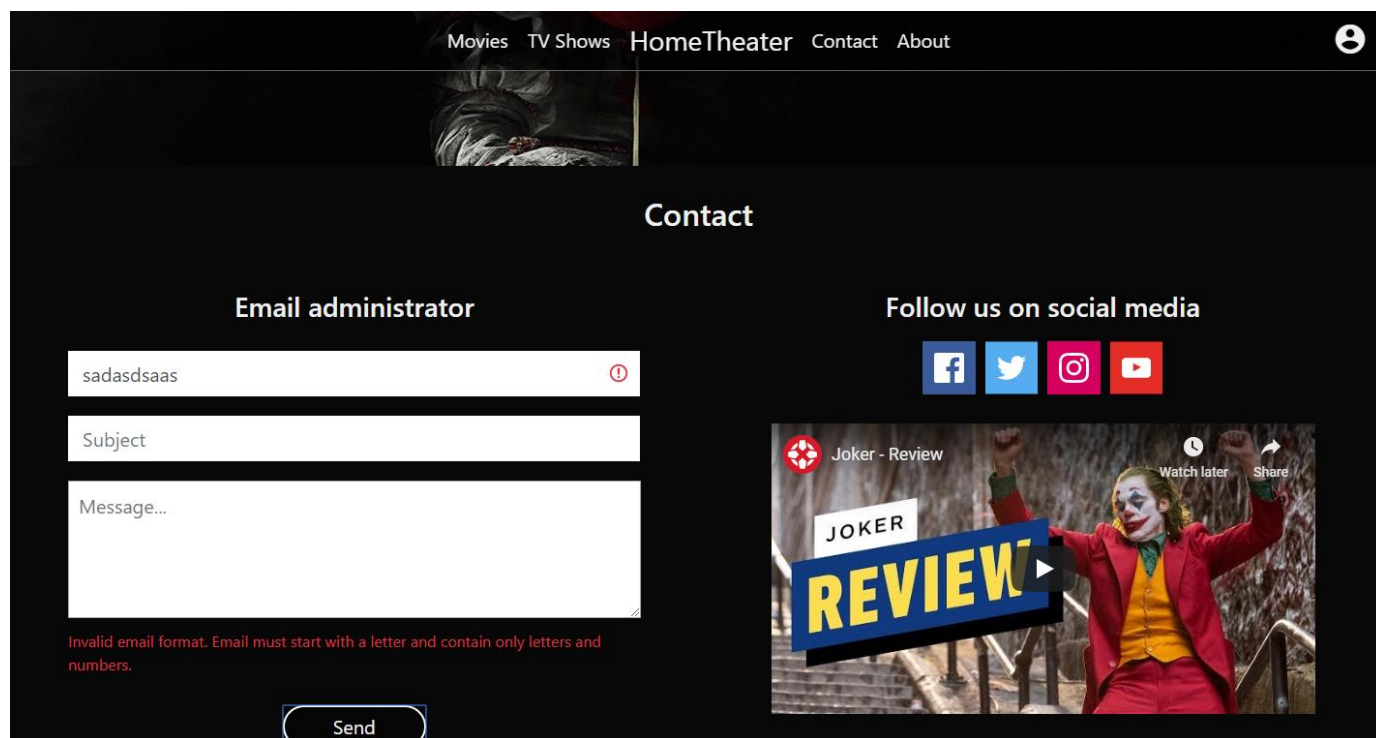
Stranica za prikaz svih filmova. Sadrzi filter za kategoriju filma, dropdown za sortiranje prikazanih filmova, kao i teksutalno polje sa pretrazivanje filmova po naslovu.

Movies TV Shows HomeTheater Contact About

Bridge of Sp... 3.7 ★

General

Movies
TV Shows
Contact
About

Socials

Facebook
Twitter
Instagram

Legal

Privacy
Terms of Use
Disclaimer
DMCA

Account

Report a Problem
Login
Register

Subscribe to our newsletter

Enter email
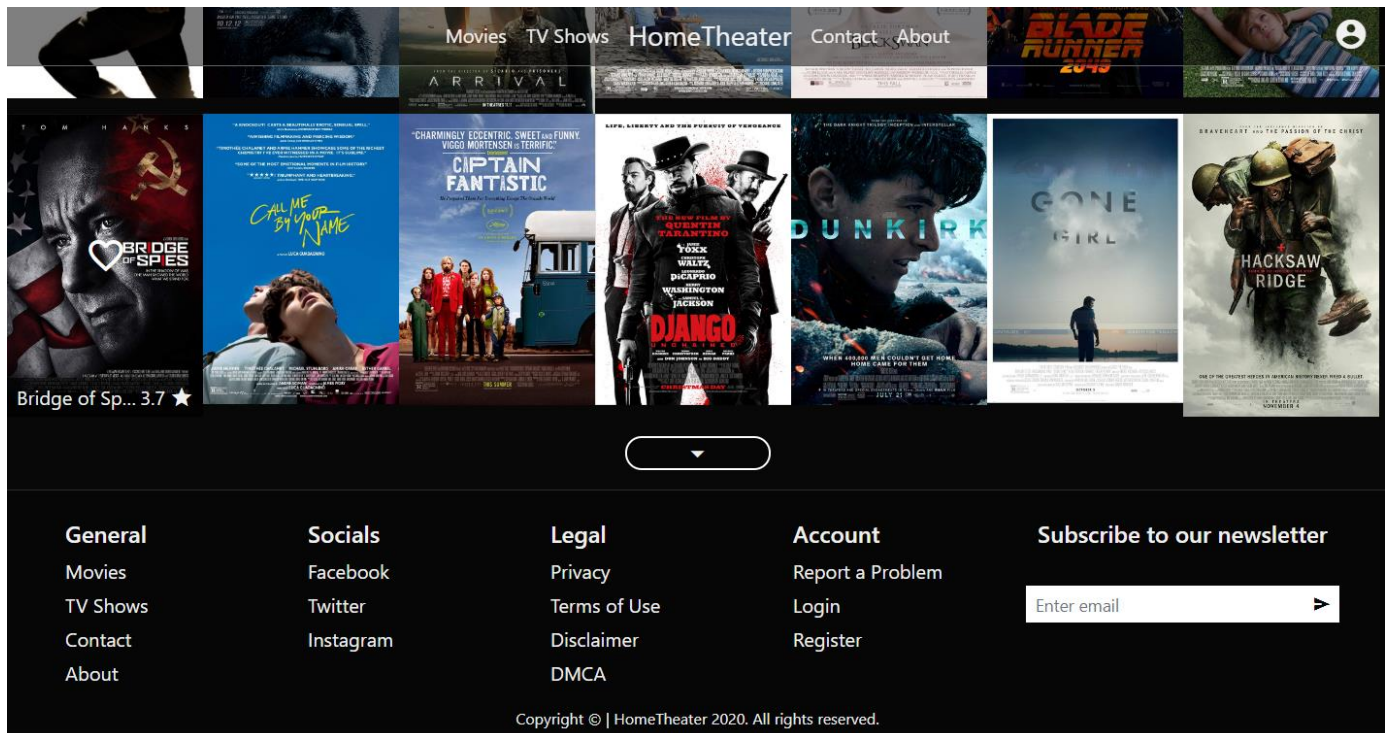
Pri dnu liste nalazi se dugme za ucitavanje jos filmova po izabranom filteru. Ukoliko nema dodatnih filmova za ucitavanje, dugme se sakriva.

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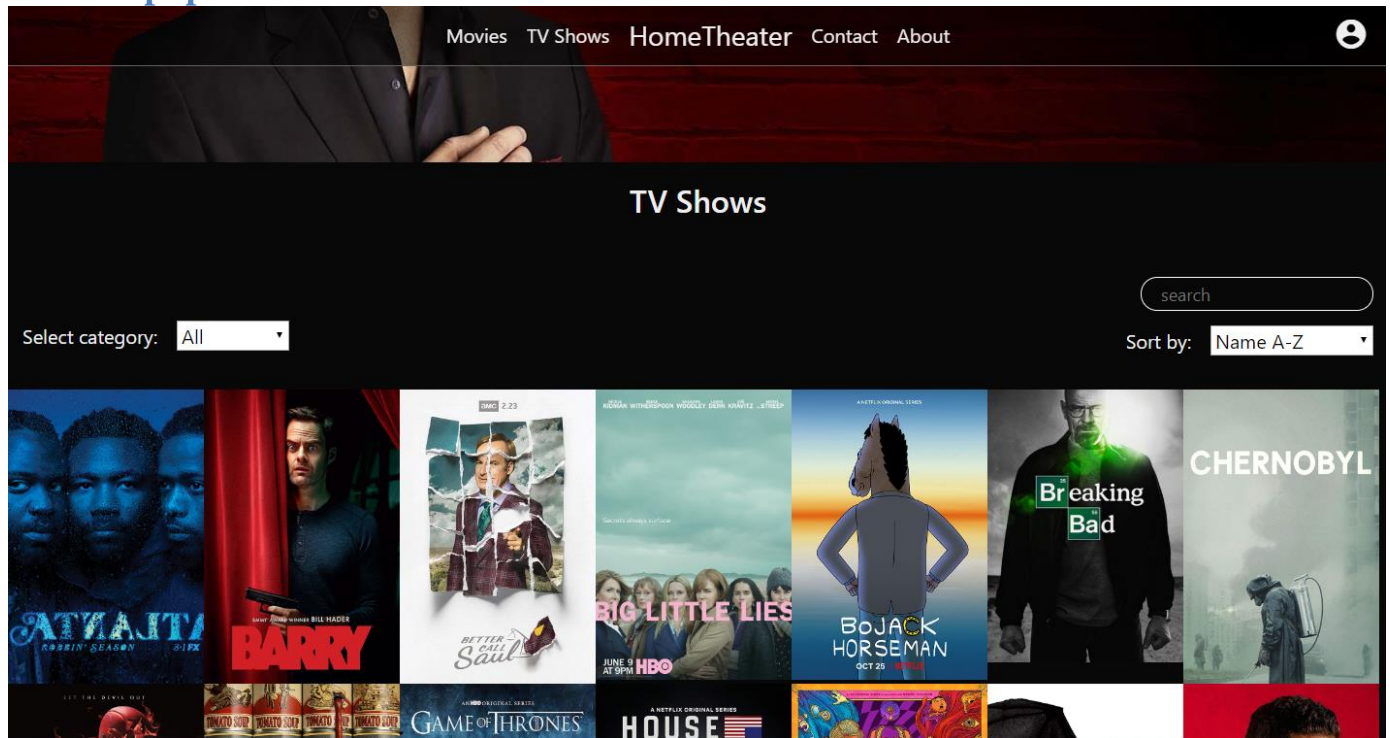
Stranica za prikaz svih serija je po funkcionalnosti identicna kao i stranica za prikaz filmova.

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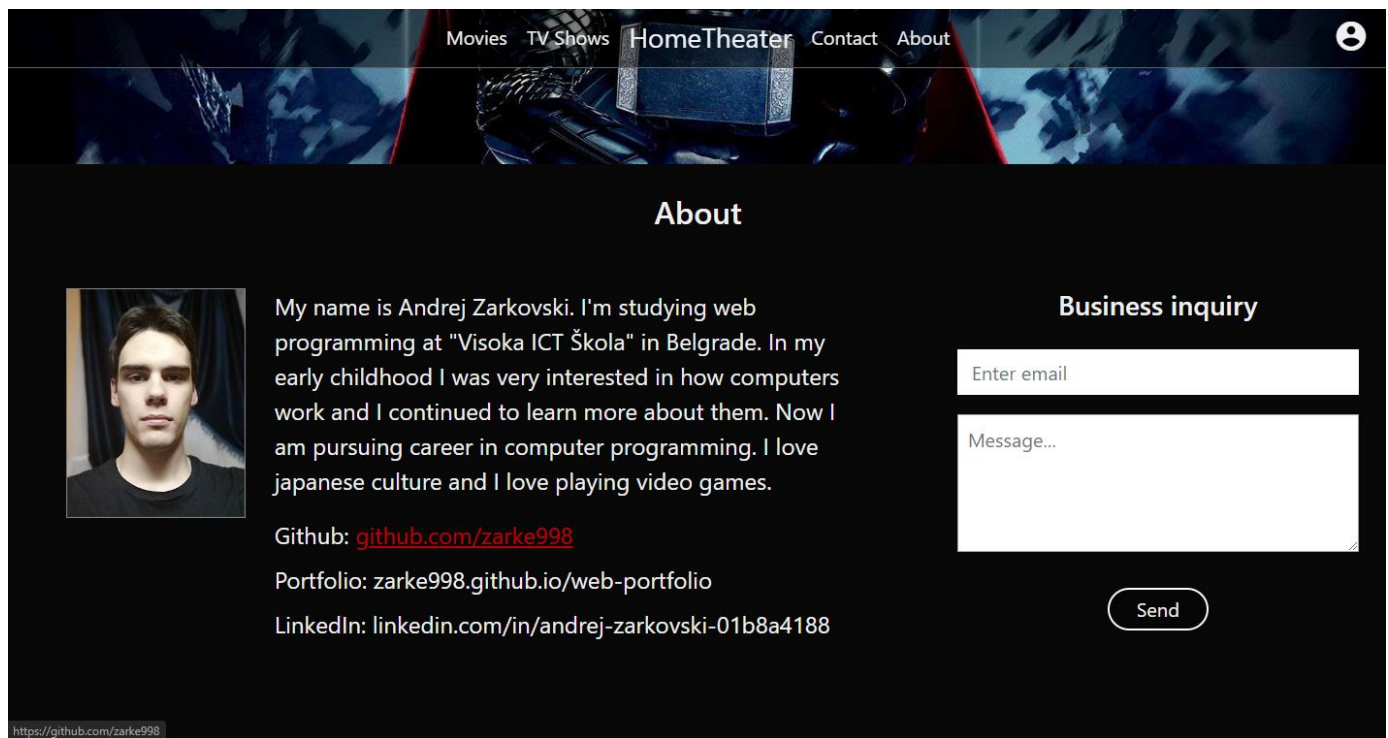
Na stranici o autoru sa leve strane nalazi slika, kratka izjava autora i linkovi ka bitnim stranicama koje se ticu autora.

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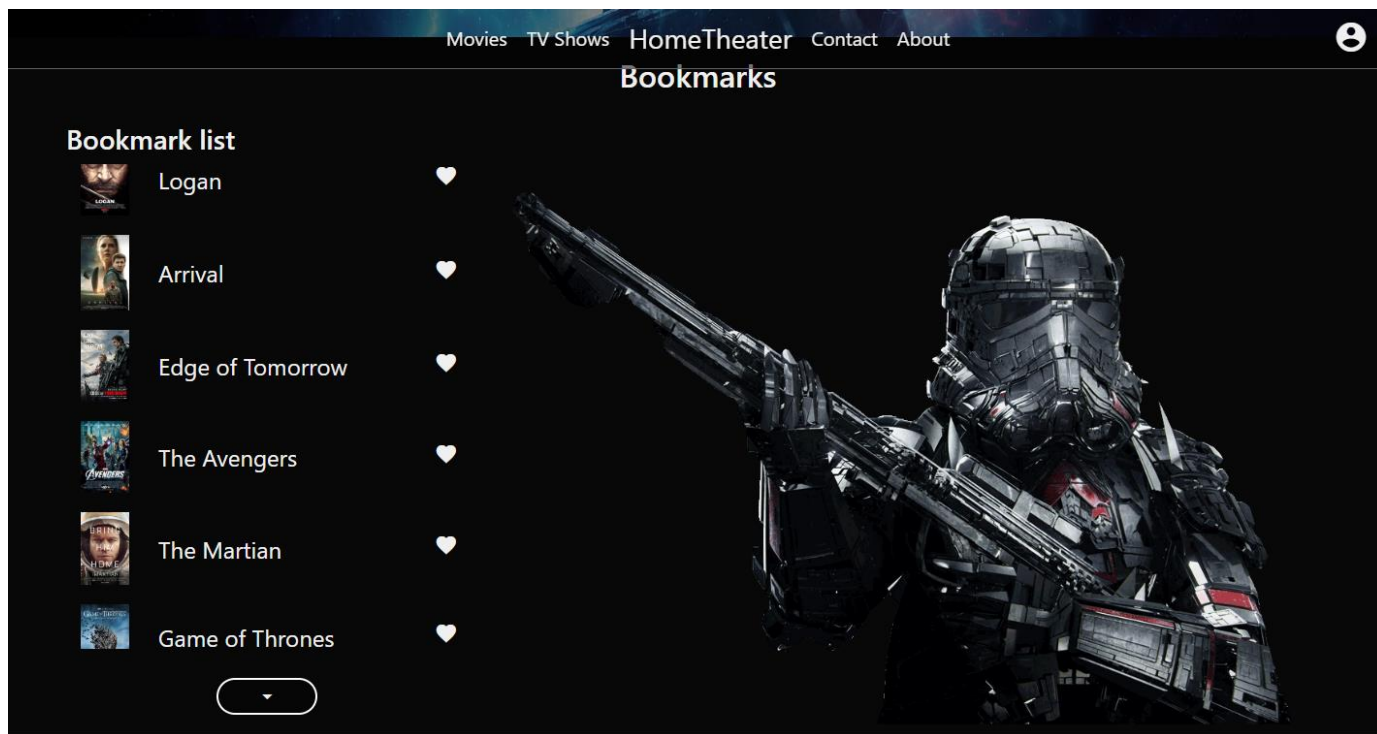
bookmarks.php

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 ucitavanje jos zapamcenih filmova/serija.
Ukoliko nema dodatnih filmova/serija dugme se sakriva.

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manage_content_library.php

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

Na sredini stranice nalazi se lista sa sadrzajem sa osnovnim informacijama o sadrzaju (naslov, godina izdavanja itd.).
Na vrhu liste nalazi se filter sa tip sadrzaja, kao i tekstualno polje za pretragu sadrzaja po naslovu.
Na dnu liste nalazi se dugme za ucitavanje dodatnog sadrzaja.

Klikom da dugme u donjem desnom uglu otvara se dijalog za dodavanje novog sadrzaja u biblioteku kao na slici ispod.
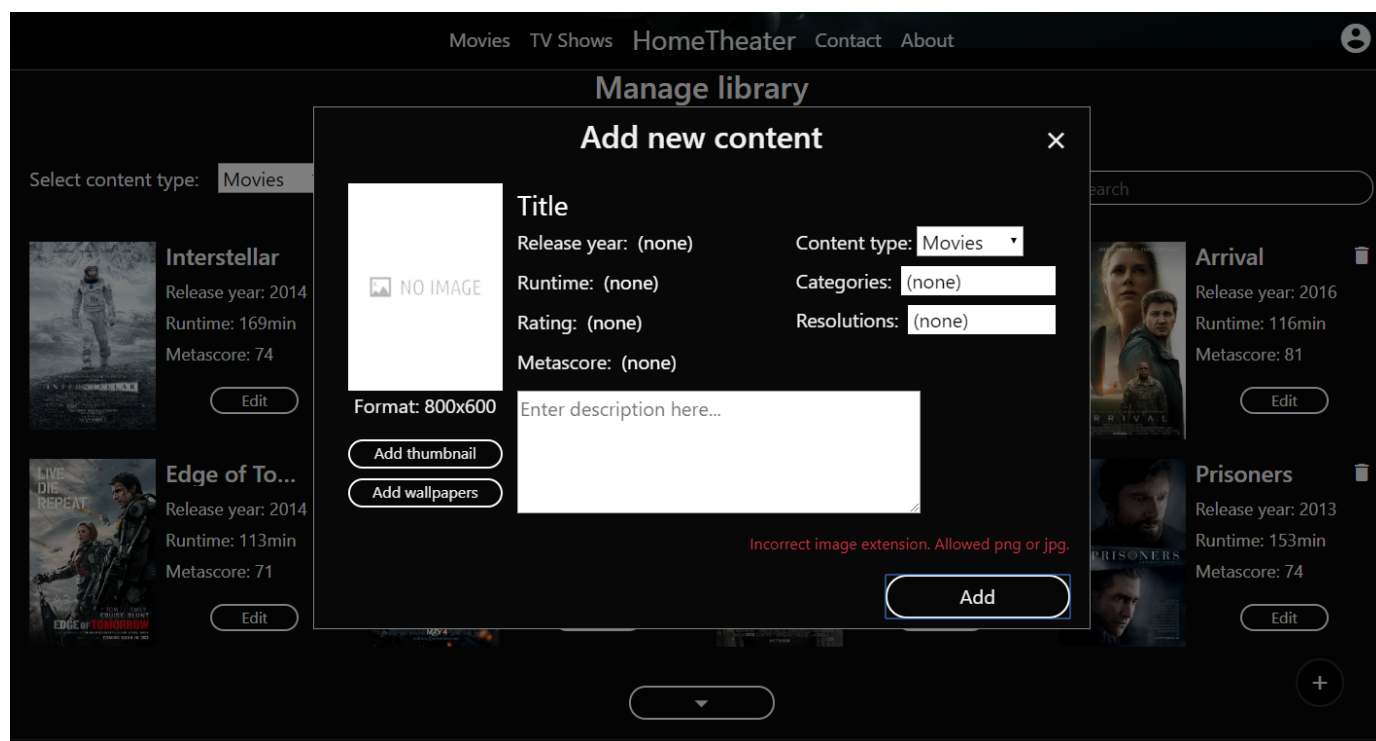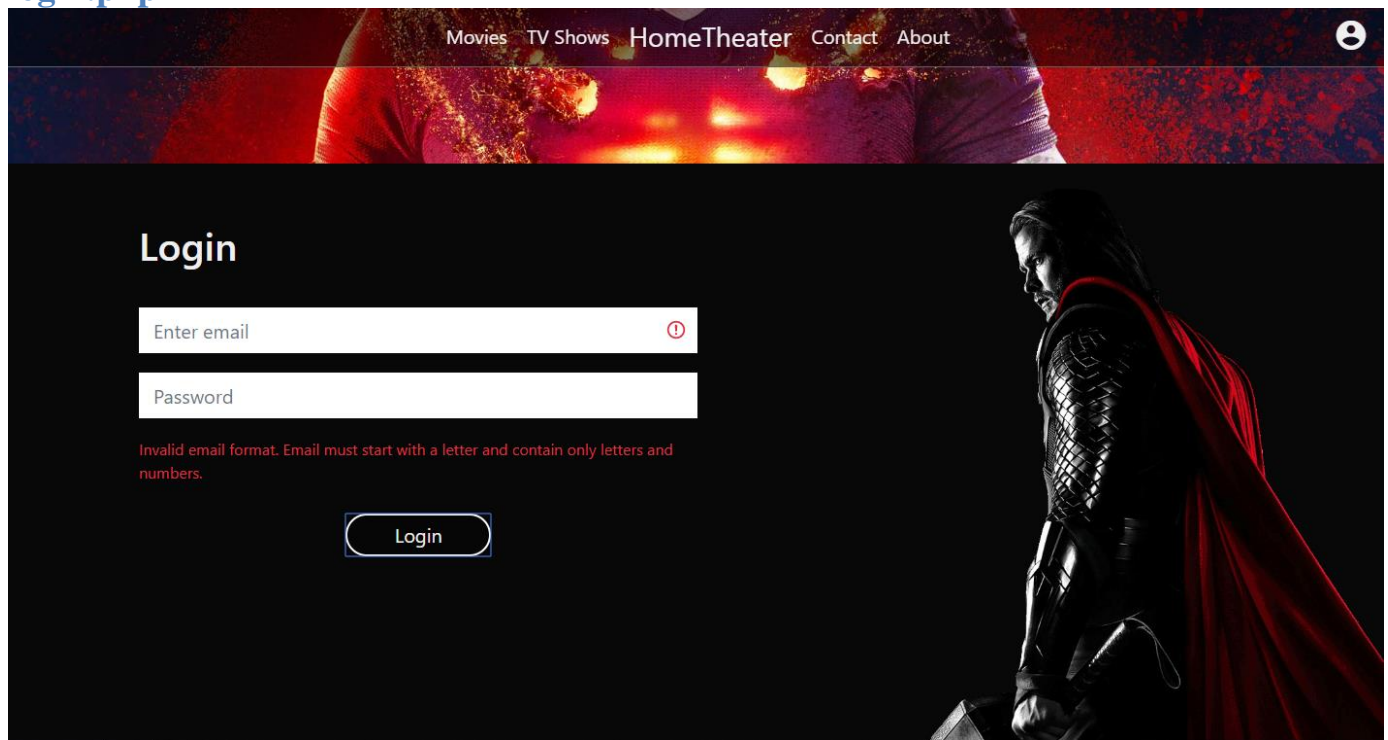
Na dijalogu se nalaze polja za ubacivanje slika, polja za unos osnovnih informacija o sadrzaju, kao i drop down liste za odabir razlicitih kategorija sadrzaja (tip sadrzaja, podkategorija, rezolucija).

Klikom na dugme »Add« sadrzaj se ubacuje u bazu podataka. U slucaju neispravnog formata nekih od polja za unos, ispisuje se greka iznad dugmeta kao na slici iznad.
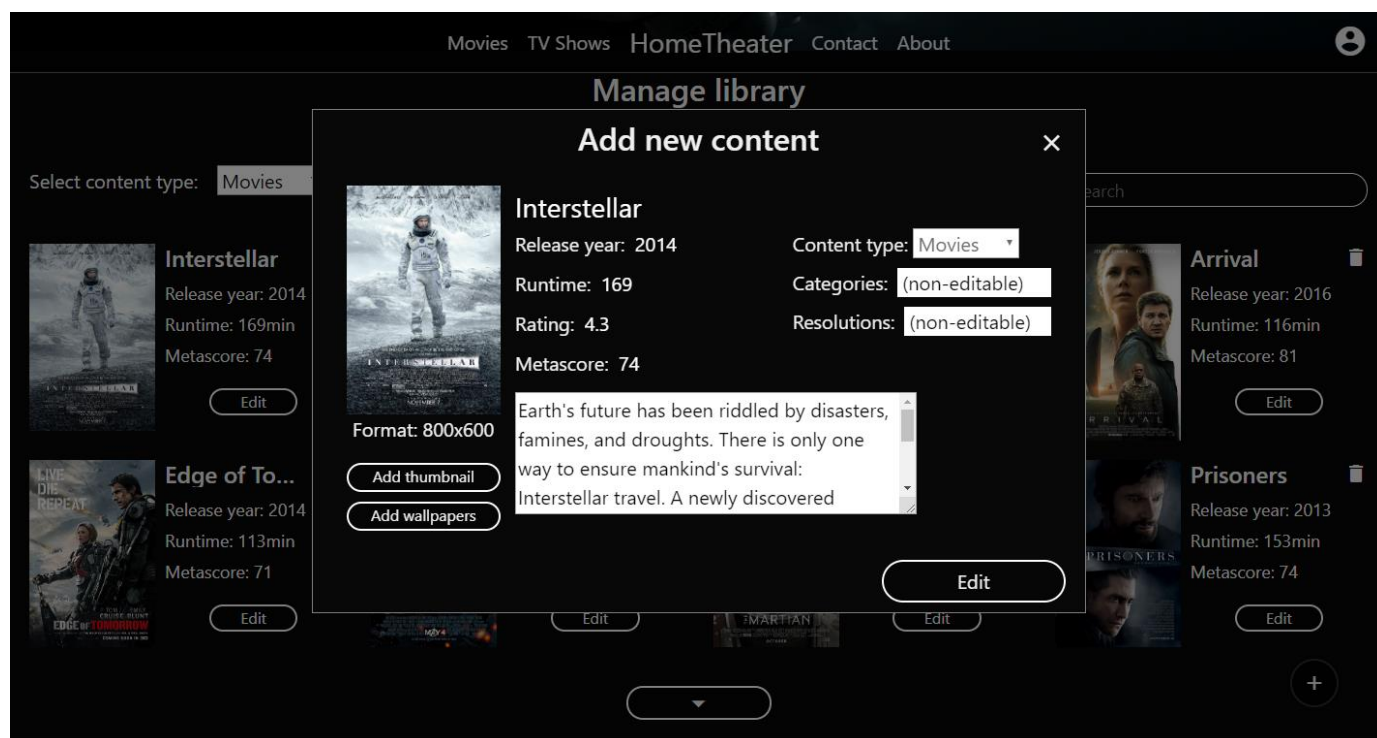
Klikom da dugme »Edit« kod stavke liste otvara se dijalog za izmenu sadrzaja pri cemu je omoguceno menjaje samo osnovnih informacija o sadrzaju: titl, godina izdavanja itd. (red u sredini).

Klikom ikonicu kante pored stavke u listi sadrzaj se brise iz baze podataka.

login.php

Stranica za logovanje autorizovanih korisnika.
Pri neuspelom logovanju ispisuje se poruka iznad dugmeta »Login« o tipu greske.

register.php

Stranica za registraciju korisnika.

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

403.php

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

3. **Kodovi**

PHP

index.php

```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
<?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
<?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
<?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
<?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
<?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
<?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
<?php
    session_start();

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

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

403.php

```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
<?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
<?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-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
    <link rel="stylesheet" type="text/css" href="/css/main.css" />
</head>
```

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header.php

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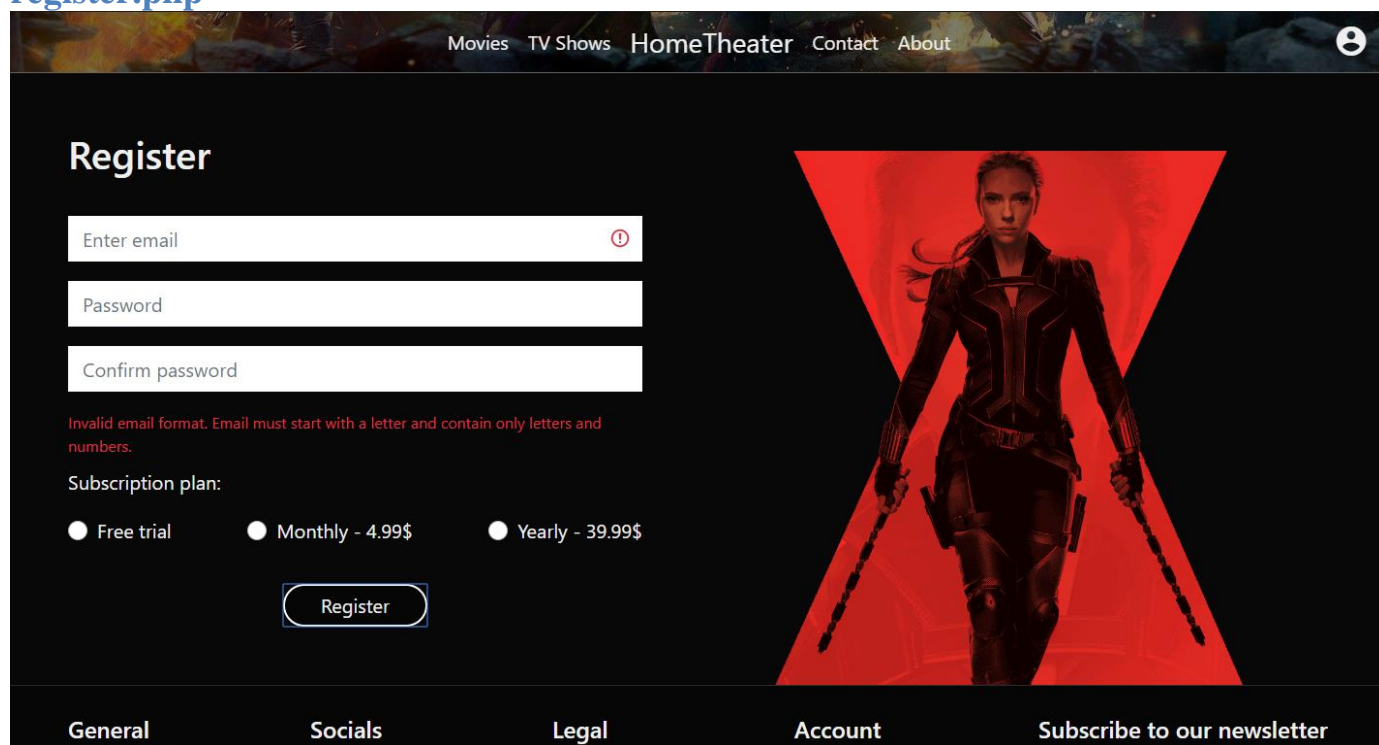
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```php
                                    echo "<li><a href='$i->href'>$i->item_name</a></li>";
                            }
                        }
                        else{
                            foreach($items as $i) {
            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

```php
                <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($is
IntroSmaller) && $isIntroSmaller) echo " smallerIntro"; ?>">
    <?php
        if(isset($headerText)){
            echo "<h1>$headerText</h1>";
        }
    ?>
</div>
```

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footer.php

```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($_SESSION["user"]) and !(isse
t($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;
```

```php
                                        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";
```

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```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><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>
        <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-
```

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```php
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"
></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"
integrity="sha384-
wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" 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()){
```

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```php
        $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
<?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 $m): ?>
                    <div class="contentListItem">
                        <img src="<?=substr($m->file_path,3)?>" alt="Cover">
                        <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>";
```

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```php
                }
                    // <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 $tS): ?>
            <div class="contentListItem">
                <img src="<?=substr($tS->file_path,3)?>" alt="Cover">
                <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
```

```php
                                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>
                <?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>
```

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

                    foreach($movies as $m): ?>
                    <div class="contentListItem">
                        <img src="<?=substr($m->file_path,3)?>" alt="Cover">
                        <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 = "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">
                            <img src="images/no-image.jpg" class="w-100" alt="Cover">
                        </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?>">
```

```php
        <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 id="mobileDecoration" src="images/phone-frame.png" alt="Decoration" ></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 scaning 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>
```

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

                    foreach($movies as $m): ?>
                    <div class="contentListItem">
                        <img src="<?=substr($m->file_path,3)?>" alt="Cover">
                        <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 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;
```

```php
            }

        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 $m): ?>
                    <div class="contentListItem">
                        <img src="<?=substr($m->file_path,3)?>" alt="Cover">
                        <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 endif; ?>

    <?php
```

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```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 $tS): ?>
                    <div class="contentListItem">
                        <img src="<?=substr($tS->file_path,3)?>" alt="Cover">
                        <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>
```

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```php
            </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;
```

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```php
        $selectQuery = "SELECT DISTINCT category_id AS cat_id, categories.name AS cat_nam
e FROM content_categories
                        INNER JOIN content ON content.id = content_categories.content_id
                        INNER JOIN categories ON categories.id=content_categories.categor
y_id
                        WHERE content_types_id = :contentType;";
        $stm = $conn->prepare($selectQuery);
        $stm->bindParam(":contentType", $contentType);
        $stm->execute();

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

        global $user;
        global $conn;

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

        if($user != null){
            $bookmarksJoin = "LEFT JOIN (SELECT content_id, user_id FROM user_bookmarks 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_resolutions AS con_res ON con_res.content_id =
 content.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_res.res
olution_id=:resolution
                        LIMIT 25 OFFSET 0;";

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

```php
        $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);
```

```php
        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
<?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>
```

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```html
    <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
<?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>
```

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```
    <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

```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>
    <img id="loginDecoration" src="images/thor-alpha.png" alt="Decoration image"/>
</div>
```

register_content.php

```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_types;";

                        $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="subscription" 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 = " - $price$";
```

```php
                                        }
                                        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>
    <img id="registerDecoration" src="images/black-widow.png" alt="Decoration image"/>
</div>
```

contact_content.php

```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"><img src="fonts/icons/face
book.svg" alt="Social icon"></a>
                <a href="https://twitter.com" target="_blank"><img src="fonts/icons/twitt
er.svg" alt="Social icon"></a>
                <a href="https://instagram.com" target="_blank"><img src="fonts/icons/ins
tagram.svg" alt="Social icon"></a>
                <a href="https://youtube.com" target="_blank"><img src="fonts/icons/youtu
be.svg" alt="Social icon"></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>
```

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about_content.php

```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">
                    <img id="profileImage" src="images/profile.jpg" alt="Profile image" class="w-100">
                </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 "Visoka ICT Škola" in Belgrade. In my early childhood I was very interested in how computers work and I continued to learn more about them. Now I am pursuing career in computer programming. 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>
```

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

403_content.php

```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>
    <img src="images/403.png" alt="Decoration">
</div>
```

bookmarks_content.php

```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>
    <img id="bookmarksDecoration" src="/images/stormtrooper-alpha.png" alt="Decoration image"/>
</div>
```

manage_content_library_content.php

```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">
```

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```
<div id="contentImages">
    <div id="newCoverImage" class="mb-2">
        <img src="/images/no-image.jpg" alt="No image" class="w-100">
        <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="thumbnail" />
            <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="wallpapers[]" multiple />
            <div class="ht-btn">Add wallpapers</div>
        </div>
        <div id="wallpapersContainer" class="d-none">
        </div>
    </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">
```

```html
                            <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>
```

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```html
                                                    <div class="ht-multiselect-list-item">
                                                        <input type="checkbox" value="0"/>
                                                        <label>Action</label>
                                                    </div>
                                                </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
<?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);
```

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```php
        $stmContent->execute();

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

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

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

        foreach($categories as $c){
            $categoryId = $c;
            $stmContentCat->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_i
d)
                                VALUES(:fileName,1,0,:contentId)";
```

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```php
        $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,conten
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);
```

```php
        $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,cont
ent_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);
```

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```php
            $wUpdateStm->execute();



        }
    }


    $conn->commit();
    $_SESSION["addContentSuccess"] = "Content added successfuly.";
    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
<?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.cont
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.");
    }
```

```
?>
```

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business_processor.php

```php
<?php

    if(!(isset($_POST["businessBtn"]) and isset($_POST["email"]) and isset($_POST["messag
e"]))){
        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("Conent-Type: application/json");
    echo json_encode(["message" => "Email sent successfuly."]);
?>
```

contact_processor.php

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

dbConnection.php

```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
<?php


    require_once "dbConnection.php";

    $categories = [];

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

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

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

getAllContentTypes.php

```php
<?php

    require_once "dbConnection.php";

    $content_types = [];

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

    foreach($stm->fetchAll() as $c_types)
        $content_types[] = $c_types;
?>
```

getAllResolutions.php

```php
<?php

    require_once "dbConnection.php";

    $resolutions = [];

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

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

getContentInfo.php

```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" => []];
```

```php
    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
<?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;
```

```php
    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
```

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

    $getContentQuery = "SELECT content.id, title, year_released, runtime,rating, metascor
e, 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 $categor
yFilter
    $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, boo
kmarks.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
```

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

?>
```

10

getContentWithWallpapers.php

```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);
```

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getCTRC.php

```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,"resolution
s" => $resolutions])
?>
```

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login_processor.php

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

menuFetcher.php

```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
<?php
    session_start();



    if(!(isset($_POST["registerBtn"]) and isset($_POST["email"]) and isset($_POST["passwo
rd"]) and isset($_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);
```

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```php
    $addStm->bindParam(":email",$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("Conent-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;
    }
?>
```

10

removeContentItem.php

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

10

setUserBookmark.php

```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();
```

11

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


?>
```

survey_processor.php

```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");
?>
```

11

SurveyLib.php

```php
<?php


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

11

updateContent.php

```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 successfuly."]);
```

11

```
?>
```

11

CSS

main.scss

```scss
$primaryBlack: #080808;
$textColorDefault: rgb(240, 240, 240);
$fontSizeDefault: 20px;
$fontFamilyDefault: "Segoe UI";

$navigationBtnSize: 32px;
$navigationBtnTop: 5px;
$navigationBtnLeft: 10px;

$footerBlack: #060606;
$footerBorderTop: rgb(44, 44, 44);
$footerListItemHeadingSize: 24px;

$dialogBorderColor: rgb(128, 128, 128);

//////////////////////////////////////////// MATERIAL ICONS
.mdi::before {
    font-size: 24px;
    line-height: 14px;
}
.btn .mdi::before {
    position: relative;
    top: 4px;
}
.btn-xs .mdi::before {
    font-size: 18px;
    top: 3px;
}
.btn-sm .mdi::before {
    font-size: 18px;
    top: 3px;
}
.dropdown-menu .mdi {
    width: 18px;
}
.dropdown-menu .mdi::before {
    position: relative;
    top: 4px;
    left: -8px;
}
.nav .mdi::before {
```

11

```css
    position: relative;
    top: 4px;
}
.navbar .navbar-toggle .mdi::before {
    position: relative;
    top: 4px;
    color: #FFF;
}
.breadcrumb .mdi::before {
    position: relative;
    top: 4px;
}
.breadcrumb a:hover {
    text-decoration: none;
}
.breadcrumb a:hover span {
    text-decoration: underline;
}
.alert .mdi::before {
    position: relative;
    top: 4px;
    margin-right: 2px;
}
.input-group-addon .mdi::before {
    position: relative;
    top: 3px;
}
.navbar-brand .mdi::before {
    position: relative;
    top: 2px;
    margin-right: 2px;
}
.list-group-item .mdi::before {
    position: relative;
    top: 3px;
    left: -3px
}///////////////////////////////////////////////////////////////////////////////////
//////
@font-face{
    font-family: "Segoe UI";
    src: url("../fonts/Segoe\ UI.woff");
}

html{
    font-size: $fontSizeDefault !important;
```

11

```scss
    font-family: $fontSizeDefault !important;
    overflow-x: hidden;
}

body{
    background-color: $primaryBlack;
    color: $textColorDefault;
}
ul{
    list-style-type: none;
    padding-left: 0px;
}
a{
    color: $textColorDefault;
    &:hover{
        color: $textColorDefault;
        text-decoration: none;
    }
}

.intro{
    position: relative;
    height: 700px;
    background-image: url("../images/vin-diesel.jpg");
    // background-attachment: fixed;
    background-size: cover;
    background-position-x: center;
    margin-top: 62px;

    h1{
        display: block;

        position: absolute;
        bottom: 30px;
        left: 30px;

        font-size: 42px;
    }
}
#indexIntro{
    background-image: url("../images/bloodshot.jpg");
}

.smallerIntro{
    height: 600px;
```

11

```scss
}
.navigationContainer{
    background-color: rgba(0,0,0,0.5) !important;
    border-bottom: 1px solid rgb(99, 99, 99);
}

.navigationMenu{
    li{
        display: flex;
        align-items: center;
        a
        {
            color: $textColorDefault !important;
            font-family: $fontFamilyDefault !important;
        }
    }
}

.navigationBtn{
    position: fixed;
    top: $navigationBtnTop;
    left: $navigationBtnLeft;
    color: $textColorDefault !important;
    &:focus{
        outline: none;
    }
    span
    {
        color: $textColorDefault !important;
        font-size: $navigationBtnSize;
    }
}

.websiteTitle{
    font-size: 1.4rem;
    color: $textColorDefault !important;
}


#loginIntro{
    background-image: url("../images/vin-diesel.jpg");
}
#loginContainer{
    height: 600px;
    overflow: hidden;
```

11

```scss
}
#loginDecoration{
    position: absolute;
    right: 0px;
    bottom: -125px;
    height: 700px;
    transform: scaleX(-1);
    z-index: -1;
}
#loginBtn{
    width: 150px;
}

#footer{
    background-color: $footerBlack;
    border-top: 1px solid $footerBorderTop;
}
.surveyPanel{
    position: fixed;
    z-index: 1;
    bottom: 100px;

    right: 30px;
    width: 500px;

    border: 1px solid gray;
    border-radius: 5px;

    .card{
        max-height: 350px;
    }
    .card-header{
        background-color: lighten($primaryBlack, 6%);
        button{
            color: white;
        }
    }
    .card-body{
        max-height: 280px;
        overflow: auto;
        background-color: $primaryBlack;
    }
}
.surveyBtn{
    position: fixed;
```

```scss
        z-index: 1;
        bottom: 30px;
        right: 30px;

        i{
            user-select: none;

            background-color: black;

            padding: 10px;

            border: 1px solid white;
            border-radius: 1000px;

            &:hover{
                cursor: pointer;
            }


        }
    }
}

#copyright{
    font-size: 16px;
}

.footerList{
    div{
        h3{
            font-size: $footerListItemHeadingSize;
        }
        ul{
            li{
                margin: 5px 0px;
            }
        }
    }
}

.newsletterContainer{
    h3{
        font-size: $footerListItemHeadingSize;
    }
    input:focus{
        box-shadow: 0 0 0 0;
```

```scss
    }
}
.sendIcon{
    border: none;
    color: $primaryBlack;
    border-radius: 0px !important;
    background-color: white;
    &:hover{
        cursor: pointer;
        user-select: none;
    }
}



/////////////////////////////////////////////////////////////////// MANAGE CONTENT LIBRARY

#manageContentIntro{
    background-image: url("../images/alien.jpg");
}
#manageLibraryContainer{
    h1{
        font-size: 32px;
    }
}
#newContentPanel{
    background-color: rgba(0,0,0, 0.5);
    position: fixed;
    z-index: 9999;

    top: 0px;
    left: 0px;
    right: 0px;
    bottom: 0px;

    display:flex;
    justify-content: center;

    &Dialog{
        width: 800px;
        max-height: 550px;
        overflow: auto;

        position: relative;
```

```scss
        background-color: $primaryBlack;
        border: 1px solid $dialogBorderColor;

        margin-top: 100px;

        h3{
            text-align: center;
            font-size: 32px;
        }
        input[name=title]{
            font-size: 28px;
            padding-left: 0px;
        }
        input[name=description]{
            min-height: 200px;
        }
    }
}

#newCoverImage{
    position: relative;

    img+input{
        position: absolute;
        width: 100%;
        height: 100%;
        top: 0px;
        left: 0px;
        opacity: 0;
        &:hover{
            cursor: pointer;
        }
    }
}
#contentImages{
    .ht-input-file{
        min-height: 30px;
    }
}
#wallpapersContainer{
    min-height: 50px;
    max-height: 75px;
    overflow-y: auto;
}
#addContentBtn{
```

```css
        width: 80px;
        height: 45px;
    }
    .closeDialogBtn{
        display: block;
        position: absolute;

        right: 20px;
        top: 20px;

        font-size: 28px;

        user-select: none;

        &:hover{
            cursor: pointer;
        }
    }

    .manageContentItem{
        display: flex;

        >div:first-child{
            flex: 0 0 130px;
            img{
                width: 100%;
            }
        }
        >div:nth-child(2){
            flex-grow: 1;

            overflow: hidden;
        }
        h3{
            font-size: 24px;

            width: 100%;
            overflow: hidden;
            text-overflow: ellipsis;
            white-space: nowrap;
        }
        p{
            display: block;
            width: 100%;
```

```scss
        margin-bottom: 5px;
        font-size: 18px;
        overflow: hidden;
        white-space: nowrap;
        text-overflow: ellipsis;
    }
    button{
        width: 50%;
        padding: 0px;
        font-size: 16px;

        display: block;
        margin: 0px auto;
    }

    .deleteBtn{
        user-select: none;
        &:hover{
            cursor: pointer;
        }
    }
}
#search{
    background-color: $primaryBlack;
    color: white;
    font-size: 18px;

    border: 1px solid white;
    border-radius: 1000px;

    padding: 5px 20px;
    padding-left: 20px;
    height: 35px;

    &:focus{
        outline: none;
    }

}
#loadMoreContent{
    display: block;
    width: 150px;
    height: 35px;
    padding: 0px;
    &:focus{
```

```css
        outline: none;
    }
    i{
        height: 100%;
        font-size: 32px;
    }
}
/////////////////////////////////////////////////////////////////////// REGISTER
#registerIntro{
    background-image: url("../images/avengers.jpg");
}
#registerDecoration{
    position: absolute;

    right: 150px;
    bottom: 0px;

    display: block;
    height: 550px;
    z-index: -1;
}
#registerContainer{
    min-height: 600px;
    overflow: hidden;
}
/////////////////////////////////////////////////////////////////////// INDEX
.contentListContainer{
    h2{
        font-size: 28px;
    }
}

.contentListWrapper{
    position: relative;
}
.contentList{
    overflow-x: auto;
    position: relative;
}
.contentListItem{
    position: relative;
    margin-right: 20px;
    img{
        width: 175px;
    }
```

12

```css
.contentOverlay{
    position: absolute;
    top: 0px;
    height: 0px;

    visibility: hidden;

    width: 100%;
    height: 100%;

    display: flex;
    flex-direction: row;
    align-items: flex-end;

    >i{
        display: block;
        font-size: 42px;
        color: white;
        user-select: none;

        position: absolute;
        top: 40%;
        left: 40%;
        &:hover{
            cursor: pointer;
        }
    }
    .contentInfo{
        width: 100%;
        background-color: rgba(0,0,0,0.7);

        display: flex;
        justify-content: space-between;
        padding: 5px 0px;
        padding-left: 10px;
        overflow: hidden;
        p{
            display: block;
            user-select: none;
            margin-bottom: 0px;
        }
        p:first-child{
            flex: 1 0 60%;
            overflow: hidden;
            white-space: nowrap;
```

```css
                text-overflow: ellipsis;
            }

            p:nth-child(2){
                display: flex;
                align-items: center;
                flex-grow: 0;
                flex-shrink: 0;
            }
        }

    }
    &:hover .contentOverlay{
        visibility: visible;
    }
}
.contentListScroll{
    position: absolute;
    top: 48%;

    background-color: rgba(0,0,0,0.3);

    i{
        color: white;
        border: 1px solid gray;
        padding: 4px;
        user-select: none;
        &:hover{
            cursor: pointer;
        }
    }
}
.contentListScrollLeft{
    left: 10px;
}
.contentListScrollRight{
    right: 10px;
}
#newReleasesContainer{
    position: relative;
}
#newReleasesBackground{
    content: "";
    opacity: 0.3;
    top: 0;
```

```css
        left: 0;
        bottom: 0;
        right: 0;
        position: absolute;
        z-index: -1;

        background-size: cover;
}
#newReleases{
        box-sizing: border-box;
        div:nth-child(2){
                h4{
                        font-size: 32px;
                }
                p{

                }
        }
        .contentListScroll{
                position:relative;
                width: 32px;
                height: 32px;
        }
}
#sliderItemInfo{
        button{
                width: 150px;
        }
}
#promoContainer{
        p{
                font-size: 24px;
        }
        button{
                display: block;
                width: 175px;
                margin-top: 5px;
        }
}
#freeTrialContainer{
        background-size: cover;
        background-image: url("../images/free-trial.jpg");
        min-height: 550px;
        ul{
                li{
```

12

```css
                font-size: 22px;
                display: flex;
                align-items: center;
                i{
                    font-size: 26px;
                }
            }
        }
    button{
        background-color: rgba(0,0,0,0.8);
        width: 175px !important;
        &:hover{
            background-color: black;
        }
    }
}
#mobileAppContainer{
    background-size: cover;
    background-image: url("../images/dracula.jpg");

    background-position-x: center;
    // background-attachment: fixed;
    min-height: 650px;
    position: relative;

    text-shadow: 2px 2px rgb(0, 0, 0);

    #mobileInfo{
        h2{
            font-size: 32px;
        }
        p{
            font-size: 24px;
        }
        &Details{
            p:first-child{
                font-size: 26px;
            }
        }
    }
    ul{
        li{
            font-size: 22px;
            display: flex;
            align-items: center;
```

13

```scss
            i{
                font-size: 26px;
            }
            text-shadow: 2px 2px rgb(0, 0, 0);
            // -webkit-text-stroke-width: 1px;
            // -webkit-text-stroke-color: rgb(0, 0, 0);
        }
    }
    button{
        background-color: rgba(0,0,0,0.8);
        width: 225px;
        height: 40px;
        display: block;
        &:hover{
            background-color: black;
        }
    }
}
#mobileDecoration{
    position: absolute;
    height: 90%;
    bottom: 0px;
    right: 200px;
}


//////////////////////////////////////////////////////////////////////////////////
/ ALL PAGES
.account{
    position: fixed;
    right: 20px;
    top: 12px;
    i{
        font-size: 36px;
        &:hover{
            cursor: pointer;
            user-select: none;
        }
    }
    div:first-child{
        position: relative;
    }
}
.accountPanel{
    position: absolute;
    right: 0px;
```

```css
    top: 62px;

    display: none;
    width: 250px;
    padding: 15px;

    background-color: rgba(0,0,0,0.5);
    border: 1px solid gray;

    .accountInfo{
        margin-bottom: 15px;
        padding-bottom: 5px;
        border-bottom: 1px solid gray;

        span{
            text-overflow: ellipsis;
            overflow-x: hidden;
            font-size: 28px;
        }
    }
    .accountLinks{
        li{
            font-size: 18px;
            margin: 5px 0px;
        }
    }
}
#logoutBtn{
    background: none;
    border: none;
    color: white;
}
//////////////////////////////////////////////////////// 403
#containerUnauthorized{
    height: 600px;
    position: relative;
    p{
        font-size: 24px;
    }
    img{
        display: block;
        position: absolute;
        right: 200px;
        bottom: 0px;
        z-index: -1;
```

13

```scss
            height: 90%;
    }
}
// CUSTOM CLASSES
.ht-btn{
    border: 2px solid white;
    border-radius: 1000px;
    background-color: rgba(0,0,0,0.3);
    color: $textColorDefault !important;
    padding: 5px 0px;

    &:hover{
        background-color: rgba(0,0,0,1);
    }
}
.ht-floating-btn{
    display: flex;
    justify-content: center;
    align-items: center;

    width: 50px;
    height: 50px;

    position: fixed;
    right: 50px;
    bottom: 40px;
    z-index: 1;

    border: 2px solid $footerBorderTop;
    border-radius: 1000px;

    background-color: rgba(0,0,0,0.8);

    &:hover{
        cursor: pointer;
        background-color: lighten(#000,8%);
    }
    i{
        font-size: 24px;
        user-select: none;
    }
}
.ht-input-text{
    background-color: $primaryBlack;
```

13

```scss
        border: 1px solid white;
        color: white;
        padding-left: 5px;
        &::placeholder{
            color: white;
        }
}
.ht-inline-form-group{
    label{
        flex-basis: 50%;
    }
    input{
        width: 40%;
    }
}
.ht-file-label-group{
    p{
        font-size: 16px;
    }
}
.ht-input-file{
    position: relative;
    height: 30px;
    div{
        padding: 0px;
        height: 30px;

        font-size: 16px;
        text-align: center;
    }

    &:hover{
        cursor: pointer;
    }
    input{
        -webkit-appearance: none;
        position: absolute;
        top: 0px;
        left: 0px;
        z-index: 1;

        width: 100%;
        height: 100%;
        opacity: 0;
    }
```

13

```
}
.ht-multiselect{
    position: relative;

    width: 5px;
    flex-grow: 1;
    >div:first-child{
        background-color: white;
        color: black;
        padding-left: 5px;
        white-space: nowrap;
        overflow: hidden;
        text-overflow: ellipsis;

        padding: 0px 5px;
        &:hover{
            cursor: pointer;
        }
    }

    &-list{
        width: 100%;
        // min-height: 75px;
        max-height: 200px;
        overflow-y: auto;

        position: absolute;
        top: 32px;
        left: -1px;
        z-index: 5;

        background-color: white;
        border: 1px solid black;

        &-item{
            padding-left: 5px;
            label{
                font-size: 18px;
                color: black;
            }
        }
    }
}
.stop-scrolling{
    height: 100%;
```

13

```css
    overflow: hidden;
}
.non-clickable{
    pointer-events: none;
}
.ht-yellow-btn{
    border: 2px solid gray;
    border-radius: 1000px;

    background-color: rgb(255, 238, 0);
    color: black !important;
    font-weight: bolder;

    padding: 3px 0px;


    &:hover{
        background-color: darken(rgb(223, 208, 0), 1%);
    }
}
.ht-input-search{

}
//////////////////////////////////////////////////////////////// MOVIES
#moviesIntro{
    background-image: url("../images/darth-vader.jpg");
}
#moviesContainer{
    h1{
        font-size: 32px;
    }
}
#contentListFull{
    >div{
        width: 14.2%;
        margin: 0px;
        img{
            width: 100%;
        }
    }
}
//////////////////////////////////////////////////////////////// TV SHOWS
#tvshowsIntro{
    background-image: url("../images/lucifer.jpg");
}
```

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```css
///////////////////////////////////////////////////////////////////////// CONTACT
#contactIntro{
    background-image: url("../images/it.jpg");
}
#contactContainer{
    h1{
        font-size: 32px;
    }
    h2{
        font-size: 28px;
    }
    h3{
        font-size: 28px;
    }
}
#contactSocials{
    h2{

    }
    a{
        width: 8%;
        margin: 0px 5px;

        img{
            width: 100%;
            &:hover{
                filter: brightness(110%);
            }
        }
    }
}
#youtubePlayer{
    iframe{
        width: 100%;
        height: 300px;
    }
}
///////////////////////////////////////////////////////////////////////// ABOUT
#aboutIntro{
    background-image: url("../images/thor.jpg");
}
#aboutContainer{
    h1{
        font-size: 32px;
    }
```

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```
}
#profileImage{
    border: 1px solid gray;
}
#aboutInfo{
    font-size: 24px;
    ul{
        li{
            a{
                &:hover{
                    color: #be0000;
                    text-decoration: underline;
                }
            }
        }
    }
}
#businessContainer{
    h3{
        font-size: 28px;
    }
}
//////////////////////////////////////////////////////////////////////////// BOOKMARKS
#bookmarksIntro{
    background-image: url("../images/start-wars.jpg");
}
#bookmarksContainer{
    h1{
        font-size: 32px;
    }
    h2{
        font-size: 28px;
    }
    overflow-x: hidden;

}
#bookmarksListContainer{
    height: 500px;
}
#bookmarksList{
    overflow-y: scroll;
    overflow-x: visible;
    max-height: 500px;
    h4{
        font-size: 22px;
```

```scss
    }
    // border: 1px solid rgb(58, 58, 58);
}
.bookmarkListItem{
    >div:nth-child(2){
        font-size: 24px;
    }
    img{
        width: 50px;
    }
    .favoriteBtn{
        user-select: none;
        &:hover{
            cursor: pointer;
        }
    }
}
#bookmarksDecoration{
    position: absolute;
    bottom: 0px;
    right: 100px;
    z-index: -1;

    height: 90%;
}
///////////////////////////////////////////////////////////////////////////// MEDIA QUERIES
@media only screen and (max-width: 992px){
    #contentListFull{
        >div{
            width: 20%;
        }
    }
    #contactSocials{
        a{
            width: 10%;
        }
    }
    #newContentPanel{
        &Dialog{
            width: 600px;
            max-height: 400px;
            margin-top: 50px;
        }
    }
```

```css
    .intro{
        // background-size: 150%;
        height: 600px;
    }
    .smallerIntro{
        height: 500px;
    }
}
@media only screen and (max-width: 820px){
    #bookmarksDecoration{
        right: -100px;
        height: 90%;
        filter: brightness(70%);
    }
}
@media only screen and (max-width: 768px){
    #contactSocials{
        a{
            width: 12%;
        }
    }
    #loginDecoration{
        right: -100px;
        height: 650px;
    }
    #registerDecoration{
        right: 0%;
    }
    #promoContainer{
        justify-content: center !important;
        flex-wrap: wrap;
        p{
            text-align: center;
            margin-bottom: 10px !important;
        }
        button{
            margin-bottom: 5px;
        }
    }
    .intro{
        height: 500px;
        margin-top: 55px;
    }
    .smallerIntro{
        height: 400px;
```

```scss
    }
    #mobileDecoration{
        display: none;
        right: 100px;
    }
}
@media only screen and (max-width: 620px){
    #newContentPanel{
        &Dialog{
            width: 450px;
        }
    }
}
@media only screen and (max-width: 575px){
    #contentListFull{
        >div{
            width: 33.3%;
        }
    }
    .surveyPanel{
        width: 300px;
    }
    input[name=surveyBtn]{
        width: 200px !important;
    }
    #contactSocials{
        a{
            width: 8%;
        }
    }
    #profileImageContainer{
        padding: 0px 60px;
    }
    #bookmarksDecoration{
        right: -200px;

        height: 90%;

        filter: brightness(40%);

    }
    .intro{
        height: 400px;

        h1{
```

```scss
            font-size: 36px;
        }
    }
    .smallerIntro{
        height: 300px;
    }
    #mobileDecoration{
        right: 50px;
    }
    #newContentPanel{
        &Dialog{
            h3{
                font-size: 28px;
            }
        }
    }
}
@media only screen and (max-width: 575px){
    #newContentPanel{
        &Dialog{
            width: 350px;
        }
    }
}
@media only screen and (max-width: 480px){
    #registerDecoration{
        right: -15%;
    }
    #subscriptionRadios{
        justify-content: start;
        flex-wrap: wrap;
        div{
            flex-basis: 100%;
            text-align: left !important;
        }
    }
    #registerBtn{
        width: 150px !important;
    }
    .intro{
        h1{
            font-size: 32px;
        }
    }
}
```

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```css
@media only screen and (max-width: 425px){
    #contentListFull{
        >div{
            width: 50%;
        }
    }
    #contactSocials{
        a{
            width: 12%;
        }
    }
    #profileImageContainer{
        padding: 0px 40px;
    }
    .intro{
        height: 300px;
        h1{
            left: 3%;
            bottom: 3%;
            span{
                display: block;
                width: 100%;
            }
        }
    }
    .smallerIntro{
        height: 200px;
    }
    #loginContainer{
        height: auto;
    }
    #loginDecoration{
        height: 500px;
    }

}
@media only screen and (max-width: 360px){
    #newContentPanel{
        &Dialog{
            width: 300px;
            h3{
                font-size: 24px;
            }
        }
    }
```

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```css
    #loginDecoration{
        right: -150px;
    }
    #registerDecoration{
        right: -25%;
    }
}
@media only screen and (max-width: 350px){
    .surveyPanel{
        width: 270px;
    }
    #profileImageContainer{
        padding: 0px 20px;
    }
}
// CUSTOM SPACING CLASSES
.ht-px-7{
    padding: 0px 5rem;
}

//BOOTSTRAP CUSTOMIZATIONS

    // CHECKBOX
.custom-control-input:checked~.custom-control-label::before{
    color: white;
    background-color: black;
    border-color: white;
    border-width: 2px;
}

// BROWSER DEFAULTS OVERRIDE
input[type="search"]::-webkit-search-decoration,
input[type="search"]::-webkit-search-cancel-button,
input[type="search"]::-webkit-search-results-button,
input[type="search"]::-webkit-search-results-decoration {
  -webkit-appearance:none;
}

.contentList {
    -ms-overflow-style: none;  /* Internet Explorer 10+ */
    scrollbar-width: none;  /* Firefox */
}
.contentList::-webkit-scrollbar {
    display: none;  /* Safari and Chrome */
}
```

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JavaScript

main.js

```javascript
var panelIsShowed = false;

$(document).ready(function(){
    $("#accountBtn").click(togglePanel);
    $("#logoutBtn").click(logout);

    $(".surveyPanel").hide();
    $(".surveyBtn i").click(showSurvey);

    $(".sendSurveyAnswersBtn").click(validateSurvey);
});

function togglePanel(){
    panelIsShowed ? $(".accountPanel").hide() : $(".accountPanel").show();

    panelIsShowed = !panelIsShowed;
}
function logout(){

}

function showSurvey(){
    $(".surveyPanel").toggle();
}

function validateSurvey(){
    let $form = $(this).closest("form");
    var error = false;

    let $questions = $form.find(".surveyQuestion");

    $questions.each(function(index){
        let $checkedAnswers = $(this).find("input[type=radio]:checked");

        if($checkedAnswers.length == 0){
            error = true;
        }
    });
    if(error){
        alert("Please check at least one answer in a question.");
        return false;
```

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```
    }
}
```

14

index.js

```javascript
var contentSliderItems;
var currentWallpaper = 0;

$(document).ready(function(){
    $(".contentListScroll").click(scrollList);
    $("#newReleases .contentListScroll").click(loadNextSliderItem);
    $(".favoriteBtn").click(setUserBookmark);

    loadWallpapers();
});

function scrollList(){
    let dir = this.dataset.dir;
    dir = parseInt(dir);

    let $list = $(this).parent().children().first();
    let currentScrollLeft = $list.scrollLeft();
    $list.stop().animate({
        scrollLeft: currentScrollLeft + 500 * dir
    },400);
}

function loadWallpapers(){
    ajaxGetFromServer("logic/getContentWithWallpapers.php",{}, onWallpapersReceive, onWal
lpapersError);
}
function onWallpapersReceive(data){
    contentSliderItems = data;

    loadSliderItem(0);
}

function onWallpapersError(xhr,errType,errMsg){
    console.log(xhr.responseText);
}
function loadNextSliderItem(){
    let dir = parseInt(this.dataset.dir);

    currentWallpaper+= dir;

    if(currentWallpaper < 0)
        currentWallpaper = contentSliderItems.length - 1;
    else if(currentWallpaper == contentSliderItems.length)
```

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```
        currentWallpaper = 0;

    loadSliderItem(currentWallpaper);
}
function loadSliderItem(pos){
    let coverPath = contentSliderItems[pos].info.file_path;
    coverPath = coverPath.substring(3);
    $("#sliderItemCover img").attr("src", coverPath);
    $("#sliderItemInfo h4").text(contentSliderItems[pos].info.title);
    $("#sliderItemInfo p").text(contentSliderItems[pos].info.description);

    console.log(contentSliderItems);
    let wallCount = contentSliderItems[pos].wallpapers.length;

    let randomWall = randomBetween(0, wallCount - 1);
    randomWall = contentSliderItems[pos].wallpapers[randomWall];
    randomWall = randomWall.substring(3);
    $("#newReleasesBackground").css("background-image", "url('" + randomWall + "')");
}
function setUserBookmark(){
    var contentId = this.dataset.id;
    var $favoriteBtn = $(this);
    let setState = $favoriteBtn.text() == "favorite" ? 1 : 0;

    ajaxSendToServer("logic/setUserBookmark.php",{ content_id: contentId, set_state: setS
tate },
        function(data){

            if($favoriteBtn.text() == "favorite")
                $(`.favoriteBtn[data-id="${contentId}"]`).text("favorite_border");
            else
                $(`.favoriteBtn[data-id="${contentId}"]`).text("favorite");

        },
        function(xhr, errMsg, errType){
            alert(xhr.responseText);
        }
    )
}
function ajaxGetFromServer(toScript,json,callbackSuccess, callbackError, isAsync) {
    $.ajax({
        url: `${toScript}`,
        method: "GET",
        async: isAsync,
        data: json,
```

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```javascript
        dataType: "json",
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    })
}
function randomBetween(start, end){
    if(start > end)
        return 0;

    start = Math.floor(start);
    end = Math.floor(end);

    let generated = Math.random();
    let random = Math.round(generated);

    random*= (end - start);
    random+= start;

    return random;
}
function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

about.js

```javascript
$(document).ready(function(){
    $("#businessBtn").click(sendBusinessData);
});

function sendBusinessData(){
    let $feedback = $("#businessFeedback");
    $feedback.removeClass("d-block");
    $feedback.text();

    let $email = $("#businessEmail");
    $email.removeClass("is-invalid");

    let $message = $("#businessMessage");


    let emailReg = /^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/;

    if(!emailReg.test($email.val())){
        $email.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid email format. Email must start with a letter and contain
only letters and numbers.");
        return;
    }

    if($message.val() == ""){
        $message.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Message can not be empty.");
        return;
    }

    ajaxSendToServer("logic/business_processor.php",{
        email: $email.val(),
        message: $message.val(),
        businessBtn: "on"
    }, onBusinessDataSent, onBusinessDataError);
}
function onBusinessDataSent(data){
    alert(data.message);
    $("#businessEmail").val("");
    $("#businessMessage").val("");
}
function onBusinessDataError(xhr, errType, errMsg){
```

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```
        alert(xhr.responseText);
}

function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

bookmark.js

```javascript
var offset = 0;
var btnClicked = false;

$(document).ready(function(){
    $("#loadMoreBookmarksBtn").click(loadMoreBookmarks);
    $("#bookmarksList").niceScroll()
    loadBookmarks(0);
});


function onBookmarksReceived(data){
    let bookmarks = data;
    let $list = $("#bookmarksList");

    if(bookmarks.length > 0){
        $("#bookmarksList h4").hide();

        for(let b of bookmarks){
            $list.append(createBookmarkListItem(b.con_id, b.title, b.file_path));
        }
        $(".favoriteBtn").click(removeBookmark);
        if(btnClicked)
            $("#bookmarksList").scrollTop($("#bookmarksList")[0].scrollHeight + 50);
        offset+= 8;
    }
    else
        $("#loadMoreBookmarksBtn").css({ "visibility": "hidden"});



}
function onBookmarksError(xhr, errType, errMsg){
    alert(xhr.responseText);
}
function loadMoreBookmarks(){
    btnClicked = true;
    loadBookmarks(offset);
}
function loadBookmarks(listOffset){
    ajaxGetFromServer("../logic/bookmarks_processor.php", {offset: listOffset}, onBookmar
ksReceived, onBookmarksError);
}
function removeBookmark(){
    var contentId = this.dataset.id;
```

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```
    ajaxSendToServer("../logic/setUserBookmark.php",{ content_id: contentId, set_state: 1
 },
        function(data){
            alert("Bookmark removed successfuly");
            location.reload();
        },
        function(xhr, errMsg, errType){
            alert(xhr.responseText);
        }
    )
}

function createBookmarkListItem(contentId, title, imgPath){

    let listItem = document.createElement("div");
    listItem.classList.add("row","bookmarkListItem", "align-items-center","py-2","mx-
0","px-0");

    let markup = `
        <div class="col-auto">
            <img src="${imgPath}" alt="Cover">
        </div>
        <div class="col">
            <p class="mb-0">${title}</p>
        </div>
        <div class="col-1 px-0">
            <i data-id="${contentId}" class="material-icons favoriteBtn">favorite</i>
        </div>
         `;

    listItem.innerHTML= markup;

    return listItem;
}
function ajaxGetFromServer(toScript,json,callbackSuccess, callbackError, isAsync) {
    $.ajax({
        url: `${toScript}`,
        method: "GET",
        async: isAsync,
        data: json,
        dataType: "json",
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
```

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```javascript
            error: function(xhr,errType,errMsg){
                if(callbackError)
                    callbackError(xhr,errType,errMsg);
            }
        })
}
function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

contact.js

```javascript
$(document).ready(function(){
    $("#contactBtn").click(sendContactData);
});

function sendContactData(){
    let $feedback = $("#contactFeedback");
    $feedback.removeClass("d-block");
    $feedback.text();

    let $email = $("#contactEmail");
    $email.removeClass("is-invalid");

    let $subject = $("#contactSubject");
    $subject.removeClass("is-invalid");

    let $message = $("#contactMessage");
    $message.removeClass("is-invalid");

    let emailReg = /^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/;
    let subjectReg = /^[A-z\d-]+(\s([A-z\d-]+))*$/;

    if(!emailReg.test($email.val())){
        $email.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid email format. Email must start with a letter and contain
only letters and numbers.");
        return;
    }

    if(!subjectReg.test($subject.val())){
        $subject.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Subject can only contain letters and numbers.");
        return;
    }

    if($message.val() == ""){
        $message.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Message can not be empty.");
        return;
    }

    ajaxSendToServer("logic/contact_processor.php",{
```

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```
            email: $email.val(),
            subject: $subject.val(),
            message: $message.val(),
            contactBtn: "on"
    }, onContactDataSent, onContactDataError);
}
function onContactDataSent(data){
    alert(data.message);
    $("#contactEmail").val("");
    $("#contactSubject").val("");
    $("#contactMessage").val("");
}
function onContactDataError(xhr, errType, errMsg){
    alert(xhr.responseText);
}

function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

content-list.js

```javascript
var offset = 0;
var contentType = 0;

$(document).ready(function(){
    contentType = parseInt($("#contentListFull").attr("data-contenttype"));

    $("#loadMoreContent").click(loadNewContent);
    $("#contentCategoriesSelect").change(loadCategoryContent);
    $("#search").blur(searchContent);
    $("#contentSortSelect").change(loadSortedContent);

    loadContentItems(contentType,0,24,0);
});
function onContentReceived(content){
    if(content.length == 0){
        $("#loadMoreContent").hide();
        return;
    }

    let $list = $("#contentListFull");
    for(let c of content){
        $list.append(createContentListItem(c));
    }
    $(".favoriteBtn").click(setUserBookmark);

    offset += 24;
}
function onContentError(xhr, errType, errMsg){
    console.log(xhr.responseText);
}
function loadContentItems(contentTypeId, listOffset, limit, categoryId, searchString, sor
tId){
    let searchCrit = searchString ? searchString : "";
    sortId = sortId ? sortId : 1;
    limit = limit ? limit : 8;

    searchCrit = searchCrit.trim();
    ajaxGetFromServer("logic/getContentItems.php", {offset: listOffset, limit: limit, con
tentType: contentTypeId, category: categoryId, search: searchCrit, sort: sortId}, onConte
ntReceived, onContentError, false);
}
function loadNewContent(){
    let search = $("#search").val();
    let category = $("#contentCategoriesSelect").val();
```

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```javascript
    let sort = $("#contentSortSelect").val();

    loadContentItems(contentType,offset, 24, category, search,sort);
}
function loadCategoryContent(){
    offset = 0;
    $("#search").val("");
    $("#contentListFull").html("");
    $("#loadMoreContent").show();

    let category = this.value;
    let sort = $("#contentSortSelect").val();
    let search = $("#search").val();

    loadContentItems(contentType,0,24,category, search, sort);
}
function loadSortedContent(){
    offset = 0;

    $("#contentListFull").html("");
    $("#loadMoreContent").show();
    $("#search").val("");

    let category = $("#contentCategoriesSelect").val();
    let sort = $("#contentSortSelect").val();
    let search = $("#search").val();

    loadContentItems(contentType,0,24,category,search, sort);
}
function searchContent(){
    offset = 0;

    let search = this.value;
    let category = $("#contentCategoriesSelect").val();

    $("#contentListFull").html("");
    $("#loadMoreContent").show();

    loadContentItems(contentType,offset,24,category,search);
}
function setUserBookmark(){
    var contentId = this.dataset.id;
    var $favoriteBtn = $(this);
    let setState = $favoriteBtn.text() == "favorite" ? 1 : 0;
```

```
        ajaxSendToServer("logic/setUserBookmark.php",{ content_id: contentId, set_state: setS
tate },
        function(data){

            if($favoriteBtn.text() == "favorite")
                $(`.favoriteBtn[data-id="${contentId}"]`).text("favorite_border");
            else
                $(`.favoriteBtn[data-id="${contentId}"]`).text("favorite");

        },
        function(xhr, errMsg, errType){
            alert(xhr.responseText);
        }
    )
}

function ajaxGetFromServer(toScript,json,callbackSuccess, callbackError, isAsync) {
    $.ajax({
        url: `${toScript}`,
        method: "GET",
        async: isAsync,
        data: json,
        dataType: "json",
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    })
}
function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
```

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```javascript
                callbackError(xhr,errType,errMsg);
        }
    });
}

function createContentListItem(c){


    let fav = "";
    if(typeof c.user != "undefined"){
        if(c.user == null)
            fav = `<i data-id='${c.id}' class="material-
icons favoriteBtn">favorite_border</i>`;
        else
            fav = `<i data-id='${c.id}' class="material-icons favoriteBtn">favorite</i>`;
    }

    let image = c.file_path.substring(3);
    let markup = `
<div class="contentListItem">
    <img src="${image}" alt="Cover">
    <div class="contentOverlay">
        ${fav}
        <div class="contentInfo px-2">
            <p>${c.title}</p>
            <p>${c.rating} <i class="material-icons ml-1">star</i></p>
        </div>
    </div>
</div>`;

    return markup;
}
```

login.js

```javascript
$(document).ready(function(){
    $("#loginBtn").click(login);
});

function login(){
    let $feedback = $("#loginFeedback");
    $feedback.removeClass("d-block");
    $feedback.text();

    let $email = $("#loginEmail");
    $email.removeClass("is-invalid");

    let $password = $("#loginPassword");
    $password.removeClass("is-invalid");

    let emailReg = /^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/;
    let passwordReg = /^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)[A-Za-z\d]{8,}$/;

    if(!emailReg.test($email.val())){
        $email.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid email format. Email must start with a letter and contain
only letters and numbers.");
        return;
    }

    if(!passwordReg.test($password.val())){
        $password.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid password format. Password must contain at least one lower
case and uppercase letter, and a number. And it must be at least 8 characters long.");
        return;
    }

    // let rememberMe = $("#loginRememberMe").prop("checked");

    ajaxSendToServer("logic/login_processor.php",{
        email: $email.val(),
        password: $password.val(),
        // rememberLogin: rememberMe,
        loginBtn: "on"
    }, onLoginSuccess, onLoginError);
}
```

16

```javascript
function onLoginSuccess(data){
    window.location.href = `${data.redirect}`;
}
function onLoginError(xhr, errType, errMsg){
    $("#loginFeedback").addClass("d-block");
    $("#loginFeedback").text(xhr.responseText);
}

function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

manage-content-library.js

```javascript
var coverImage = "";
var thumbnailImage = "";
var wallpapers = [];
var offset = 0;

$(document).ready(function(){
    $("#addNewContentBtn").click(showNewContentDialog);
    $(".closeDialogBtn").click(closeNewContentDialog);
    $("#newContentPanel").click(closeNewContentDialog).children().click(function(event){e
vent.stopPropagation();});

    $(".ht-multiselect>div:first-child").click(toggleMultiselect);

    $("#chooseCoverImage").change(loadImage);
    $("#thumbnailImageBtn").change(showThumbnailName);

    $("#wallpaperImagesBtn").change(showWallpaperNames);

    $("#addContentBtn").click(addNewContent);
    $("#updateContentBtn").click(updateContent);

    $("#contentTypesSelect").change(loadContentOfType);
    $("#loadMoreContent").click(function(){
        let contentType = $("#contentTypesSelect").val();
        let search = $("#search").val();
        loadContentItems(contentType, offset, search);
    });
    $("#search").blur(searchContent);

    loadContentItems(1,0);
});

// EVENT HANDLERS
function showNewContentDialog(){
    ajaxGetFromServer("../logic/getCTRC.php", {},function(data){
        $("#newContentPanel").addClass("d-block");
        $("body").addClass("stop-scrolling");

        console.log(data);

        $("#categoriesDropdown").prev().text("(none)");
        $("#resolutionsDropdown").prev().text("(none)");

        $("#newCoverImage>img").attr("src","/images/no-image.jpg");
```

16

```javascript
        $("#thumbnailImageBtn").parent().next().removeClass("d-block");
        $("#wallpapersContainer").removeClass("d-block");

        addCategories(data.categories);
        addContentTypes(data.c_types);
        addResolutions(data.resolutions);



    },
    function(xhr,errType,errMsg){
        console.log(xhr.responseText);
        console.log(errType);
        console.log(errMsg);
    },false)

}
function closeNewContentDialog(){
    $("#newContentPanel").removeClass("d-block");
    $("body").removeClass("stop-scrolling");
    $(".ht-multiselect>div:first-child").removeClass("non-clickable");
    $("#contentTypesDropdown").prop("disabled", false);
    $("#newContentPanelDialog input[type=file]").prop("disabled",false);
    $("#errorInfo").removeClass("d-block");

    $("#addContentBtn").removeClass("d-none");
    $("#addContentBtn").addClass("d-block");

    $("#updateContentBtn").removeClass("d-block");


    $("form").trigger("reset");
}
function toggleMultiselect(){
    let $multiselect = $(this).parent();
    let $list = $multiselect.find(".ht-multiselect-list");

    if(!$list.hasClass("d-block"))
    {
        $(".ht-multiselect-list").removeClass("d-block");
        $list.addClass("d-block");
    }
    else{
        $list.removeClass("d-block");
```

16

```javascript
        $checkedLabels = $list.find(".ht-multiselect-list-
item>input[type=checkbox]:checked+label");

        let chbsToText = "";

        // $checkedLabels.forEach(element => {
        //      console.log(element.innerText);
        // });
        $checkedLabels.each(function(i) {
            i == 0 ? chbsToText += $(this).text() : chbsToText += ", " + $(this).text();
        });
        console.log(chbsToText);


        chbsToText == "" ? $(this).text("(none)") :$(this).text(chbsToText);
    }
}
function loadImage(){
    let input = this;
    if(input.files && input.files[0]){
        let reader = new FileReader();

        reader.onload = function(e){
            $(input).prev().attr("src", e.target.result);
        }

        reader.readAsDataURL(input.files[0]);

        coverImage = extractFileNameFromPath(input.files[0].name);
    }
}
function showThumbnailName(){
    let filePath = this.value;
    thumbnailImage = extractFileNameFromPath(filePath);

    $(this).parent().next().addClass("d-block").text(thumbnailImage);

}
function showWallpaperNames(){
    wallpapers = [];

    let input = this;

    let wallpaperTags = ""
```

```javascript
        console.dir(input);
        if(input.files){
            $(input).parent().next().addClass("d-block");
            for(let i = 0; i < input.files.length; i++){
                wallpaperTags += `<p class="text-center my-0">${input.files[i].name}</p>`;
                wallpapers.push(input.files[i].name);
            }
        }

        $(input).parent().next().html(wallpaperTags);
}
function addNewContent(){

    let $errorInfo = $("#errorInfo");
    $errorInfo.removeClass("d-block");
    $errorInfo.text("");

    let imgReg = /(png|jpg)$/;

    if(!imgReg.test(coverImage)){
        $errorInfo.addClass("d-block");
        console.log($errorInfo);

        $errorInfo.text("Incorrect image extension. Allowed png or jpg.");
        return false;
    }
    if(!imgReg.test(thumbnailImage)){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Incorrect thumbnail extension. Allowed png or jpg.");
        return false;
    }
    for(let w of wallpapers){
        if(!imgReg.test(w)){
            $errorInfo.addClass("d-block");
            $errorInfo.text("Incorrect wallpaper extension. Allowed png or jpg.");
            return false;
        }
    }

    let title = $("input[name=title]").val();
    if(title == ""){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Title can't be empty.");
        return false;
    }
```

16

```javascript
let releaseYear = parseInt($("input[name=releaseYear]").val(), 10);
if(isNaN(releaseYear) || releaseYear < 1900){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Release year must be greater than 1900.");
    return false;
}

let runtime = parseInt($("input[name=runtime]").val(),10);
if(isNaN(runtime) || runtime < 0){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Runtime must be greater than 0.");
    return false;
}

console.log(title);
console.log(releaseYear);
console.log(runtime);
let rating = parseFloat($("input[name=rating]").val());
if(isNaN(rating) || rating < 0 || rating > 5){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Rating must be between 0 and 5.0");
    return false;
}

let metascore = parseInt($("input[name=metascore]").val(),10);
if(isNaN(metascore) || metascore < 0 || metascore > 100){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Metascore must be between 0 and 100");
    return false;
}

let contentType = $("#contentTypesDropdown").val();

if($("#categoriesDropdown").prev().text() == "(none)"){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Please select at least one category.");
    return false;
}
if($("#resolutionsDropdown").prev().text() == "(none)"){
    $errorInfo.addClass("d-block");
    $errorInfo.text("Please select at least one resolution.");
    return false;
}
```

16

```javascript
}
function updateContent(){
    let $errorInfo = $("#errorInfo");
    $errorInfo.removeClass("d-block");
    $errorInfo.text("");

    let contentId = $(this).data("id");

    let title = $("input[name=title]").val();
    if(title == ""){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Title can't be empty.");
        return false;
    }

    let releaseYear = parseInt($("input[name=releaseYear]").val(), 10);
    if(isNaN(releaseYear) || releaseYear < 1900){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Release year must be greater than 1900.");
        return false;
    }

    let runtime = parseInt($("input[name=runtime]").val(),10);
    if(isNaN(runtime) || runtime < 0){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Runtime must be greater than 0.");
        return false;
    }

    console.log(title);
    console.log(releaseYear);
    console.log(runtime);
    let rating = parseFloat($("input[name=rating]").val());
    if(isNaN(rating) || rating < 0 || rating > 5){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Rating must be between 0 and 5.0");
        return false;
    }

    let metascore = parseInt($("input[name=metascore]").val(),10);
    if(isNaN(metascore) || metascore < 0 || metascore > 100){
        $errorInfo.addClass("d-block");
        $errorInfo.text("Metascore must be between 0 and 100");
        return false;
    }
```

16

```javascript
    let description = $("textarea[name=description]").val();

    console.log(description);

    ajaxSendToServer("../logic/updateContent.php",
    {
        id: contentId,
        title: title,
        releaseYear: releaseYear,
        runtime: runtime,
        rating: rating,
        metascore: metascore,
        description: description
    }
    ,function(data){
        alert(data.message);
        location.reload();
    },
    function(xhr, errMsg, errType){
        console.log(xhr.responseText);
    });
}

function onContentReceived(content){
    if(content.length == 0){
        $("#loadMoreContent").hide();
        return;
    }
    console.log(content);

    let $list = $("#manageContentList");
    for(let c of content){
        $list.append(createContentListItem(c.id,c.title,c.year_released,c.runtime,c.metas
core,c.file_path));
    }

    $(".manageContentItem .deleteBtn").click(removeContentItem);
    $(".manageContentItem .editContentBtn").click(editContent);

    offset += 8;
}
function onContentError(xhr, errType, errMsg){
    console.log(xhr.responseText);
}
```

16

```javascript
function removeContentItem(){
    let cId = this.dataset.id;

    ajaxSendToServer("../logic/removeContentItem.php",{id: cId},
    function(data){
        // alert(data.message);
        location.reload();
    },
    function(xhr, errType, errMsg){
        alert(xhr.responseText);
    });
}
function editContent(){
    showNewContentDialog();
    initializeDialogFields(this.value);

    $("#addContentBtn").addClass("d-none");
    $("#addContentBtn").removeClass("d-block");

    $("#updateContentBtn").addClass("d-block");
    $("#updateContentBtn").data("id",parseInt(this.value));
}

function onContentInfoReceive(data){
    // alert("Success");
    console.log(data);
    $("input[name=title]").val(data.info.title);
    $("input[name=releaseYear]").val(data.info.yearReleased);
    $("input[name=runtime]").val(data.info.runtime);
    $("input[name=rating]").val(data.info.rating);
    $("input[name=metascore]").val(data.info.metascore);
    $("textarea[name=description]").val(data.info.description);

    $("#contentTypesDropdown").val(data.info.contentType);
    $("#contentTypesDropdown").prop("disabled", true);

    $("#categoriesDropdown").prev().text("(non-editable)");
    $("#resolutionsDropdown").prev().text("(non-editable)");

    showCoverImage(data.images);
    $("#newContentPanelDialog input[type=file]").prop("disabled",true);

    $(".ht-multiselect>div:first-child").addClass("non-clickable");
}
function onContentInfoError(xhr,errType,errMsg){
```

17

```javascript
        console.log(xhr.responseText);
        console.log(errType);
        console.log(errMsg);
}
function searchContent(){
    let searchString = this.value;

    let contentType = $("#contentTypesSelect").val();

    $("#manageContentList").html("");
    $("#loadMoreContent").show();
    offset = 0;
    loadContentItems(contentType, 0, searchString);
}
// FUNCTIONS

function addCategories(categories){
    let catItems = "";

    for(let c of categories)
        catItems += `
        <div class="ht-multiselect-list-item">
            <input type="checkbox" name="categories[]" value="${c.id}"/>
            <label>${c.name}</label>
        </div>`;

    $("#categoriesDropdown").html(catItems);
}
function addContentTypes(contentTypes){
    let contentTypesItems = "";
    for(let ct of contentTypes)
        contentTypesItems += `<option value="${ct.id}">${ct.name}</option>`;

    $("#contentTypesDropdown").html(contentTypesItems);
}
function addResolutions(resolutions){
    let resItems = "";

    for(let r of resolutions)
        resItems += `
        <div class="ht-multiselect-list-item">
            <input type="checkbox" name="resolutions[]" value="${r.id}"/>
            <label>${r.name}</label>
        </div>`;
```

17

```javascript
        $("#resolutionsDropdown").html(resItems);
}
function extractFileNameFromPath(path){
    return path.substring(path.lastIndexOf("\\") + 1);
}


function loadContentOfType(){
    offset = 0;

    let contentTypeId = this.value;
    $("#manageContentList").html("");
    $("#loadMoreContent").show();
    $("#search").val("");
    loadContentItems(contentTypeId, 0);
}
function loadContentItems(contentTypeId, listOffset, searchString){
    let searchCrit = searchString ? searchString : "";
    searchCrit = searchCrit.trim();
    ajaxGetFromServer("/logic/getContentItems.php", {offset: listOffset, contentType: con
tentTypeId, search: searchCrit}, onContentReceived, onContentError, false);
}
function createContentListItem(id, title, yearReleased, runtime, metascore, imgPath){
    let listItem = document.createElement("div");
    listItem.classList.add("col-lg-3","col-md-4","col-sm-6","manageContentItem","mb-3");

    let content = `
    <div>
        <img src="${imgPath}" alt="Cover">
    </div>
    <div class="px-0 ml-2">
        <div>
            <div class="d-flex align-items-center mb-2">
                <h3 class="d-inline mb-0">${title}</h3> <i data-id=${id} class="d-
inline ml-2 material-icons deleteBtn">delete</i>
            </div>
            <p>Release year: ${yearReleased}</p>
            <p>Runtime: ${runtime}min</p>
            <p>Metascore: ${metascore}</p>
        </div>
        <button class="ht-btn mt-
3 editContentBtn" value="${id}" type="button">Edit</button>
    </div>`;

    listItem.innerHTML = content;
```

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```javascript
    return listItem;
}

function initializeDialogFields(contentId){

    ajaxSendToServer("../logic/getContentInfo.php", {id: contentId} ,onContentInfoReceive
, onContentInfoError);
}
function showCoverImage(images){
    for(var i = 0; i < images.isCover; i++){
        if(images.isCover[i] == 1)
            return;
    }
    let img_path = images.file_path[i];
    console.log(img_path);
    $("#newCoverImage img").attr("src",img_path);
}

// AJAX FUNCTIONS
function ajaxGetFromServer(toScript,json,callbackSuccess, callbackError, isAsync) {
    $.ajax({
        url: `${toScript}`,
        method: "GET",
        async: isAsync,
        data: json,
        dataType: "json",
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    })
}
function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
```

17

```
            callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

register.js

```javascript
$(document).ready(function(){
    $("#registerBtn").click(register);
});

// EVENT HANDLERS
function register(){
    let $feedback = $("#registerFeedback");
    $feedback.removeClass("d-block");
    $feedback.text();

    let $email = $("#registerEmail");
    $email.removeClass("is-invalid");

    let $password = $("#registerPassword");
    $password.removeClass("is-invalid");

    let $passwordConfirm = $("#registerConfirmPassword");
    $passwordConfirm.removeClass("is-invalid");

    let emailReg = /^[a-z]+[a-z\d]{2,}(\.[a-z\d]+)*@[a-z]{2,}(\.[a-z]{2,})+$/;
    let passwordReg = /^(?=.*[A-Z])(?=.*[a-z])(?=.*\d)[A-Za-z\d]{8,}$/;

    if(!emailReg.test($email.val())){
        $email.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid email format. Email must start with a letter and contain
only letters and numbers.");
        return;
    }

    if(!passwordReg.test($password.val())){
        $password.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Invalid password format. Password must contain at least one lower
case and uppercase letter, and a number. And it must be at least 8 characters long.");
        return;
    }

    if($password.val() != $passwordConfirm.val()){
        $passwordConfirm.addClass("is-invalid");
        $feedback.addClass("d-block");
        $feedback.text("Passwords do not match.");
        return;
    }
```

17

```
    $subscription = $("input[name=subscription]:checked");
    if(!$subscription.length){
        $feedback.addClass("d-block");
        $feedback.text("Please select a subscription plan.");
        return;
    }

    ajaxSendToServer("logic/register_processor.php",{
        email: $email.val(),
        password: $password.val(),
        subscription: $subscription.eq(0).val(),
        registerBtn: "on"
    }, onRegisterSuccess, onRegisterError);
}
function onRegisterSuccess(data){
    window.location.href = `${data.redirect}`;
}
function onRegisterError(xhr,errType,errMsg){
    $("#registerFeedback").addClass("d-block");
    $("#registerFeedback").text(xhr.responseText);
}
function ajaxSendToServer(toScript, json, callbackSuccess, callbackError){
    $.ajax({
        url: `${toScript}`,
        method: "POST",
        dataType: "json",
        data: json,
        success: function(data){
            if(callbackSuccess)
                callbackSuccess(data);
        },
        error: function(xhr,errType,errMsg){
            if(callbackError)
                callbackError(xhr,errType,errMsg);
        }
    });
}
```

17