

# Projekt - Kino

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# Korištene tehnologije i alati

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## Backend

- PHP

## Dodatne biblioteke: Kalendar

- Codepen.io (MIT)

## Frontend

- HTML & CSS
- Bootstrap
- JS
  - AJAX upiti



# Ideja

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- Korisnici
  - Rezerviraju karte
  - Imaju uvid u prošle rezervacije
  - Imaju uvid u filmove/projekcije
- Zaposlenici
  - Mogu mijenjati projekcije i dodavati filmove
- Administratori
  - Mogu dodavati radnike

# Prijava za 3 razine korisnika

## Throwback Cinema

Login as user

### User

Sign in

Login as employee

### Employee

Sign in

Login as admin

### Admin

Sign in



# 1. Korisnik

- Imaju uvid u filmove/projekcije
- Rezerviraju karte
- Imaju uvid u prošle rezervacije

The screenshot shows the 'Throwback Cinema' website interface. At the top, the site name 'Throwback Cinema' and the user name 'user Mirko' are displayed. On the right, there are links for 'Hello, Mirko' and 'Sign out'. A left sidebar contains navigation links: 'Home page', 'Movie browser', 'Reservation history', and 'My info'. The main content area is divided into two sections. The first section, 'Today's projections', contains a message: 'There are no projections today.' The second section, 'Info about Throwback Cinema', provides details about the cinema: Name: Throwback Cinema, Address: 42 Wallaby Way, Sidney, Email: throwbackCinema@cinema.com, Telephone number: 00 61 2 9876 5432, and Working hours: Every day 11:00-23:30. On the right side of the main content area, there is a 'Calendar' for 'JULY 2021'. The calendar is a grid with days of the week as columns and dates as rows. The date '13' is highlighted in blue.

Throwback Cinema user Mirko Hello, Mirko Sign out

Home page Movie browser Reservation history My info

Today's projections

There are no projections today.

Info about Throwback Cinema

**Name:** Throwback Cinema  
**Adress:** 42 Wallaby Way, Sidney  
**Email:** throwbackCinema@cinema.com  
**Telephone number:** 00 61 2 9876 5432  
**Working hours:** Every day 11:00-23:30

Calendar

JULY 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# Uvid u filmove i projekcije

Throwback Cinema

user Mirkko

Hello, Mirkko Sign out

Home page

Movie browser

Reservation history

My info


Home page / Movies

Movies


Choose which movie you want to see

Search Search for movies

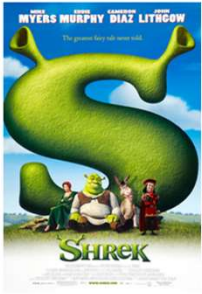
SPIDER-MAN




FINDING NEMO




SHREK




PULP FICTION



IRONMAN



HUNGER GAMES



SPIDER-MAN



Description: When bitten by a genetically modified spider, a nerdy, shy, and awkward high school student gains spider-like abilities that he eventually must use to fight evil as a superhero after tragedy befalls his family.

Year: 2002

Duration: 02:01

Projections:

16.07.

17:15

19:00



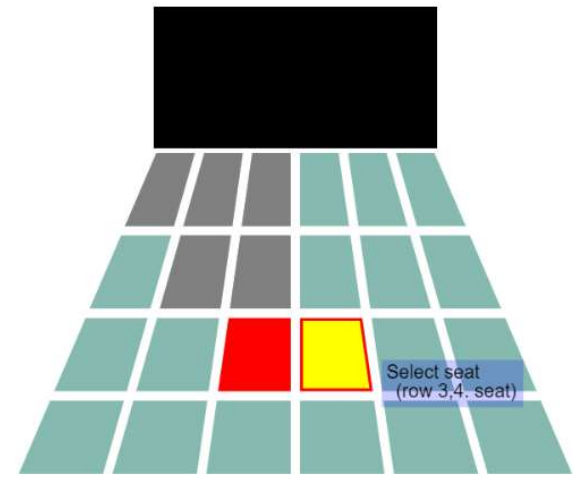
# Rezervacija sjedala

- Obavljene unutar SQL transakcija
- Provjera zauzetih sjedala preko AJAXa
- Prilikom uspješne rezervacije, generira se jedinstveni ID rezervacije koji služi korisniku kao garancija

SPIDER-MAN / Make reservation

## SPIDER-MAN

16.07. at 17:15h



Odaberi mjesta:

Mjesto 3,3

Mjesto 3,4

Odaberi

# Uspješna rezervacija sjedala

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[Početna stranica](#) / Potvrda rezervacije

## Reservation confirmation 62345

You can print this confirmation or show it over the phone to cinema employee.



Print it



# Uvid u prošle rezervacije

[Home page](#) / My reservations

## My reservations

### My reservations

Reservation ID	Movie	Hall	Date and Time	Number of Tickets	Open QR code	
1	SPIDER-MAN	2	16.07. u 17:15h	2	<a href="#">Open</a>	<a href="#">Cancel reservation</a>
3	FINDING NEMO	3	17.07. u 14:00h	2	<a href="#">Open</a>	<a href="#">Cancel reservation</a>
33958	SPIDER-MAN	2	16.07. u 17:15h		<a href="#">Open</a>	<a href="#">Cancel reservation</a>
38041	IRONMAN	3	22.07. u 18:00h		<a href="#">Open</a>	<a href="#">Cancel reservation</a>
62341	FINDING NEMO	3	16.07. u 14:00h		<a href="#">Open</a>	<a href="#">Cancel reservation</a>
62342	SPIDER-MAN	2	16.07. u 17:15h	3	<a href="#">Open</a>	<a href="#">Cancel reservation</a>
62343	FINDING NEMO	3	17.07. u 14:00h	4	<a href="#">Open</a>	<a href="#">Cancel reservation</a>
62344	IRONMAN	3	22.07. u 18:00h	3	<a href="#">Open</a>	<a href="#">Cancel reservation</a>
62345	SPIDER-MAN	2	16.07. u 17:15h	2	<a href="#">Open</a>	<a href="#">Cancel reservation</a>

## 2. Zaposlenik

### Projections on the 16th

SPIDER-MAN at 17:15

SPIDER-MAN at 19:00

FINDING NEMO at 14:00

### Confirm reservation

reservation id

View reservation

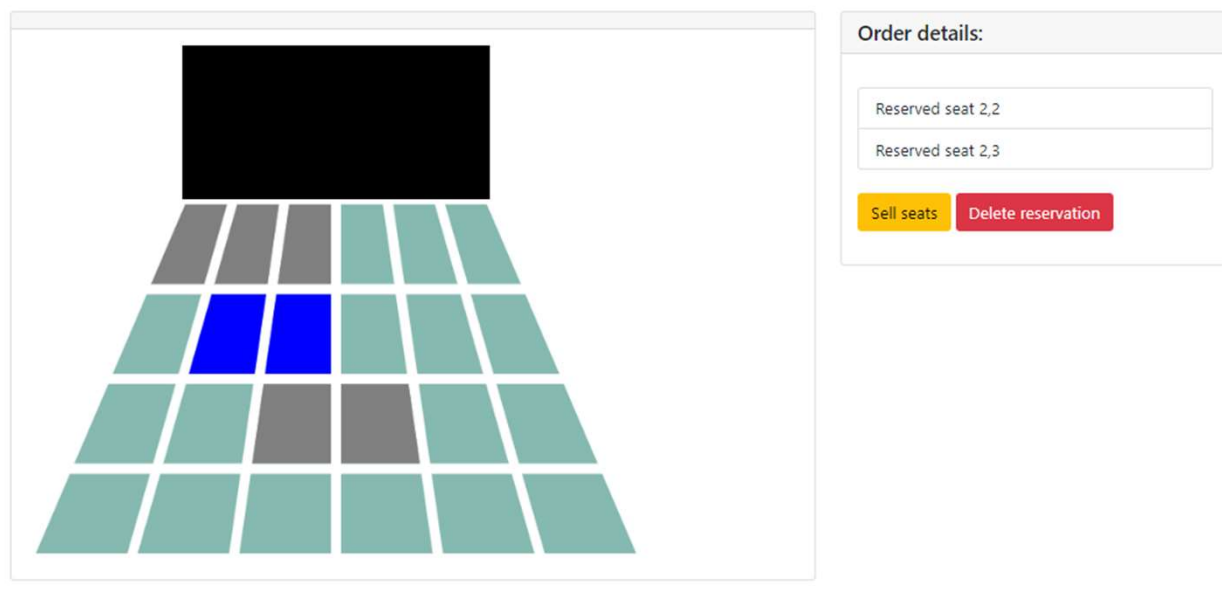
### Calendar

JULY 2021

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27	28	29	30	1	2	3
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# Uvid u pojedine rezervacije



The screenshot displays a web application for managing seat reservations. On the left, a trapezoidal seat map is shown with a grid of seats. The top row consists of three grey seats. The second row has four seats: the first is green, the second and third are blue, and the fourth is green. The third row contains five seats: the first is green, the second and third are grey, and the fourth and fifth are green. The bottom row has six green seats. Above the seat map is a solid black rectangular area. On the right, the 'Order details' panel is visible, containing two text input fields with the text 'Reserved seat 2,2' and 'Reserved seat 2,3'. Below these fields are two buttons: a yellow 'Sell seats' button and a red 'Delete reservation' button.

Order details:

Reserved seat 2,2

Reserved seat 2,3

Sell seats Delete reservation

# Opcija dodavanja novog filma

[Home page](#) / New movie

## New movie

Add new movie

Name

Description

Keep it short.

Year

Duration

After you add the movie, add the movie poster.



# Opcija dodavanja novih projekcija

Movie browser / SPIDER-MAN

SPIDER-MAN

Add projection



**Description:** When bitten by a genetically modified spider, a nerdy, shy, and awkward high school student gains spider-like abilities that he eventually must use to fight evil as a superhero after tragedy befalls his family.

**Year:** 2002

**Duration:** 02:01

**Projections:**

16.07.

17:15

19:00

[SPIDER-MAN](#) / New projection

## Add new projection

SPIDER-MAN

Hall

Date



Time

Add

### 3. Administrator – pregled zaposlenika

Home page / Employees

#### Employees

List of all employees

##### Employees

ID	Name	Email	
1	ela	a@b.com	<button>Remove</button>
2	miran	a@b.com	<button>Remove</button>
3	danijel	a@b.com	<button>Remove</button>
4	luka	a@b.com	<button>Remove</button>
5	marta	a@b.com	<button>Remove</button>

##### Add new employee

Name

Email

Password

Add



## 4. Baza podataka

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- Za spremanje podataka koristili smo phpMyAdmin i bazu marcius
- Tablice koje smo koristili su: admin, employee, korisnik, prikaz, rezervacija, sjedalo, dvorane i film

# Tablice korisnik, employee i admin

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- Ove tri tablice koristili smo kako bi u bazi bilježili podatke o svim registriranim korisnicima, radnicima i adminima
- One su dosta slične po strukturi, sve tri imaju columne id, ime korisnika/radnika/admina, njihov email te password\_hash koji smo koristili kako ne bi direktno spremali password u bazu, a njega smo generirali sa standardnim generatorom koji smo koristili na predavanjima



# Tablice film, rezervacija i dvorane

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- Ove tri tablice smo napravili kako bi vodili podatke o svim filmovima koje imamo, svim rezervacijama sjedala za posebnu projekciju te popis svih dvorana koje neko kino sadrži
- Tablica dvorane ima columnne id, velicina dvorane koja može biti srednja, mala ili velika, broj\_redova i broj\_sjedala\_po\_redu
- Tablica filmovi sadrži columnne id i ime koje predstavlja ime nekog filma
- Tablica rezervacija ima columnne id, user\_id, prikaz\_id i kupljeno koji prikazuju id korisnika koji je rezervirao (kupio ili još nije) kartu za određenu projekciju odnosno prikaz filma

# Tablice sjedalo i prikaz

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- Tablica sjedalo ima popis svih rezerviranih sjedala, jedinstveno je određena stupcima red i broj\_u\_redu koji predstavljaju red u dvorani u broj sjedala u tom redu
- Tablica prikaz predstavlja projekciju nekog filma u određenoj dvorani
- Ima stupce id, film\_id, dvorana\_id, red\_br\_prikazivanja i vrijeme\_prikaza gdje red\_br\_prikazivanja predstavlja redni broj prema kojem se prikazuje taj film, a vrijeme\_prikaza vrijeme kad se taj film prikazuje, npr 14.7.2021. u 16 sati



## 5. Kontroleri

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- Od kontrolera smo koristili tri kontrolera, za svakog tipa korisnika po jedan, znači `UserController`, `AdminController`, `employeeController` te još jedan najbitniji `startController` u koji se na samom početku dohvaća i koji rješava samo ulogiravanje odnosno registraciju korisnika
- `UserController`, `AdminController` i `employeeController` nam služe kako bi odvojili sve akcije koje mogu koristiti obični korisnik, radnik te onda admin koji ima najveću 'moć' u aplikaciji

## 6. Servisi

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- Od servisa smo koristili userService i cinemaService
- UserService je korišten za ulogiravanje korisnika, radnika i admina u aplikaciju te registraciju korisnika
- CinemaService je korišten za praktički sve ostalo kao na primjer za dohvat svih filmova, dohvat filmova po njegovom nazivu, dohvat svih filmova koje je neki korisnik rezervirao i tako dalje



KRAJ