

CINEMA ON WEB

WEBSITE PEMESANAN TIKET ONLINE

Proyek Akhir SBD Kelompok 7A

ANGGOTA KELOMPOK 7A

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ABOUT US

Cinema on Web (COW) adalah website yang dibuat untuk melayani pemesanan tiket film secara online. Terdapat list film yang dibagi menjadi dua, yaitu tabel informasi film dan tabel harga tiketnya. Kemudian terdapat list akun beserta saldo masing-masing yang akan disimpan dalam satu tabel akun dan setiap order yang dilakukan akan disimpan pada tabel order.

ABOUT US

Proyek Sistem Basis Data Kelompok 7A, berupa aplikasi Website Cinema On Web (COW) yang terintegrasi dengan *database PostgreSQL* untuk menyimpan dan menampilkan data film, info film terbaru, database film, dll.

Prototype dari website dapat dilihat di <https://cow-7a.web.app/>



FEATURE

CREATE

- CreateAccount()
- OrderFilm()

UPDATE

- EditProfile()
- OrderFilm()
- IsiSaldo()



READ

- SearchFillm()
- SearchPrice()
- ListFilm()
- ListPrice()
- Login()
- Transaction()

DELETE

- DeleteAccount()

LIST TABLE

ACCOUNT_DATA

```
proyektsbd=# CREATE TABLE account_test(  
proyektsbd(# account_id serial UNIQUE PRIMARY KEY,  
proyektsbd(# firstname text NOT NULL,  
proyektsbd(# surname text,  
proyektsbd(# email text UNIQUE NOT NULL,  
proyektsbd(# wallet bigint,  
proyektsbd(# password text);
```

ORDER_DATA

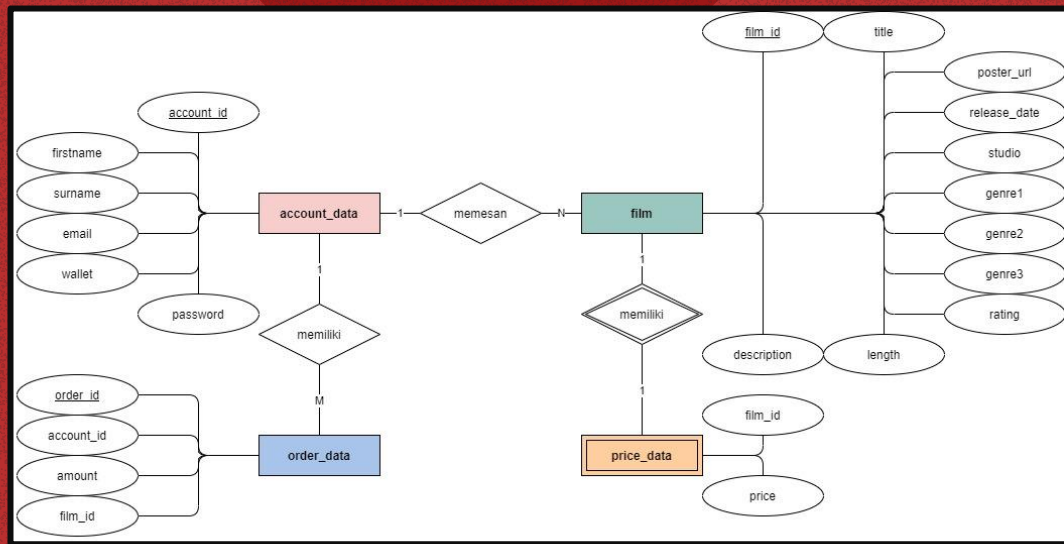
```
proyektsbd=# CREATE TABLE order_data(  
proyektsbd(# order_id serial NOT NULL PRIMARY KEY,  
proyektsbd(# account_id int,  
proyektsbd(# film_id int,  
proyektsbd(# amount smallint);
```

FILM

```
proyektsbd=# CREATE TABLE film(  
proyektsbd(# film_id INT,  
proyektsbd(# title text,  
proyektsbd(# poster_url text,  
proyektsbd(# release_date date,  
proyektsbd(# studio text,  
proyektsbd(# genre1 text,  
proyektsbd(# genre2 text,  
proyektsbd(# genre3 text,  
proyektsbd(# rating text,  
proyektsbd(# length int,  
proyektsbd(# description text);
```

PRICE_DATA

```
proyektsbd=# CREATE TABLE price_data(  
proyektsbd(# film_id int,  
proyektsbd(# price int);
```

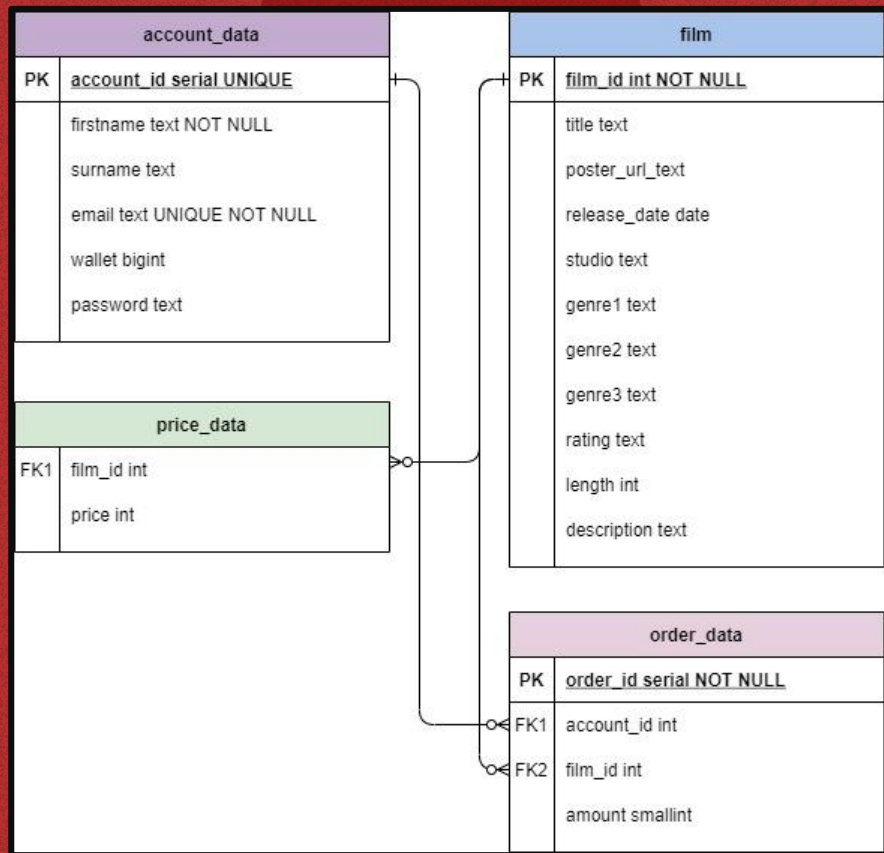



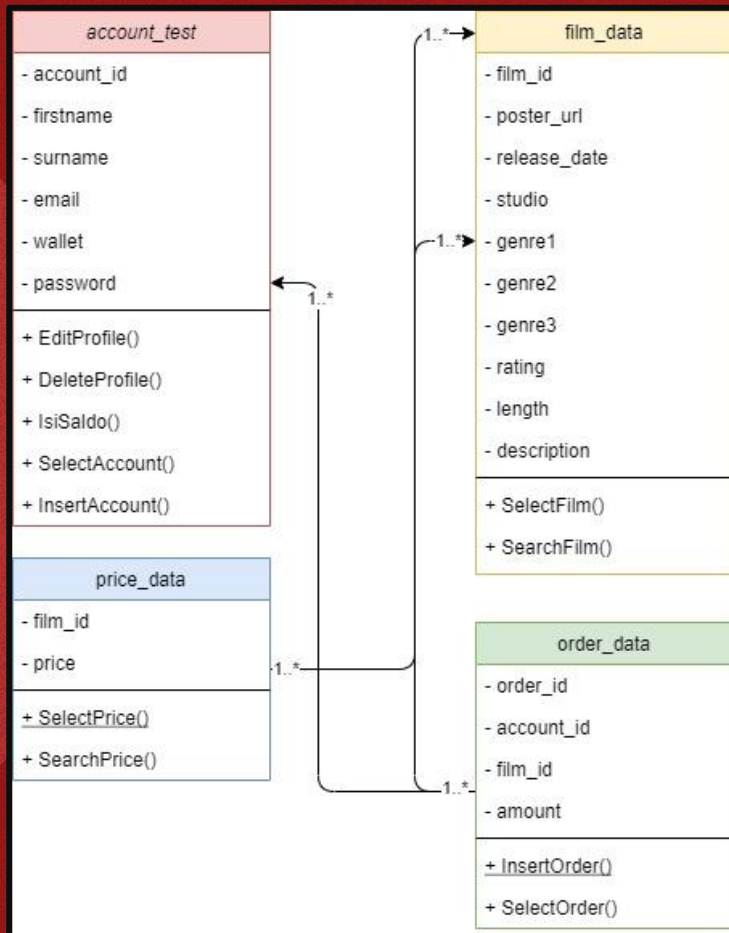
ER DIAGRAM

ER Diagram dari COW

RELATIONAL MODEL DIAGRAM

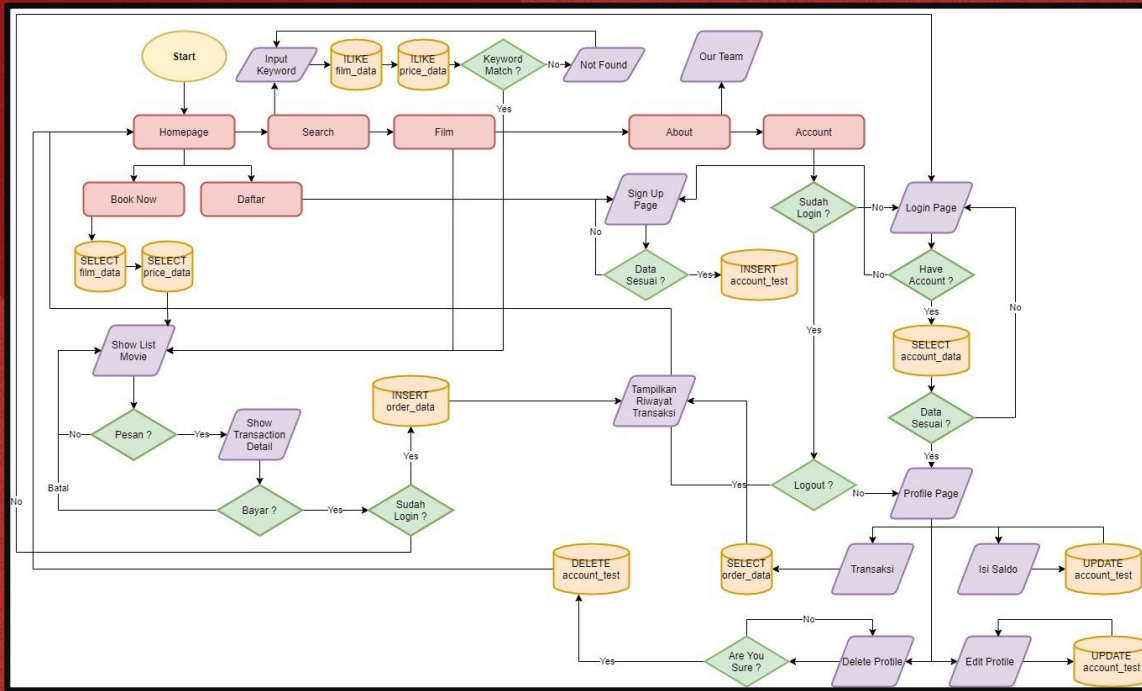
Relational Model Diagram
dari COW





UML DIAGRAM

UML Diagram dari COW



FLOWCHART

Flowchart dari COW

REQUIREMENT

01

XAMPP WEB SERVER

02

POSTGRESQL

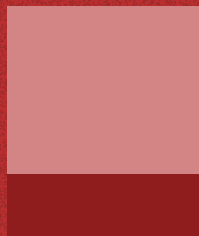
03

NODE.JS



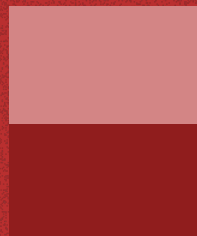
LANGUAGE

10,6%



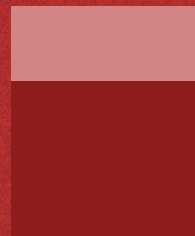
JAVASCRIPT

30,4%



HTML

59,0%



PHP

CODE PREVIEW (FRONT-END)

```
index.html 7 X
front-end2 > index.html > html > head > script
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0, shrink-to-fit=no">
7   <title>COW - Cinema On Web</title>
8   <script src='../assets/js/fetch.js'></script>
9   <script>
10     (property) location: Location
11     const urlParams = new URLSearchParams(window.location.search);
12     var sessionId = urlParams.get('sessionId');
13     if (sessionId == null) {
14       sessionId = 0;
15     }
16   </script>
17   <meta property="og:type" content="">
18   <meta name="description" content="Tempat menyediakan layanan pemesanan film terbesar di Indonesia.">
19   <link rel="apple-touch-icon" type="image/png" sizes="180x180" href="assets/img/cinema180x180.png">
20   <link rel="icon" type="image/png" sizes="16x16" href="assets/img/cinema16x16.png">
21   <link rel="icon" type="image/png" sizes="32x32" href="assets/img/cinema32x32.png">
22   <link rel="icon" type="image/png" sizes="180x180" href="assets/img/cinema180x180.png">
23   <link rel="icon" type="image/png" sizes="192x192" href="assets/img/cinema192x192.png">
24   <link rel="icon" type="image/png" sizes="512x512" href="assets/img/cinema512x512.png">
25   <link rel="stylesheet" href="assets/bootstrap/css/bootstrap.min.css">
26   <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Montserrat:400,700">
27   <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Kaushan+Script">
28   <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.12.0/css/all.css">
29   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
30   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/ionicons/2.0.1/css/ionicons.min.css">
31   <link rel="stylesheet" href="assets/fonts/fontawesome5-overrides.min.css">
32   <link rel="stylesheet" href="assets/css/styles.min.css">
33 </head>
34
35 <body id="page-top" data-bs-spy="scroll" data-bs-target="#mainNav" data-bs-offset="54"
36   style="background: #232527;">
37   <a class="btn btn-primary rounded-circle position-fixed flex-fill" role="button" id="btn-bottom" href="#page-top"
38     style="bottom: 20px; z-index: 10000; right: 40px; display: inline-block; width: 55px; height: 55px; padding-top: 12px;">
39     <i class="fa fa-angle-double-up" style="font-size: 26px;"></i></a>
40   <nav class="navbar navbar-dark navbar-expand-lg fixed-top bg-dark" id="mainNav">
```

```
front-end2
├── assets
│   ├── bootstrap
│   ├── css
│   ├── fonts
│   ├── img
│   └── js
├── payment
│   └── pay-confirmation.p...
├── profil-user
│   ├── edit
│   │   ├── edit-profil.php
│   │   └── fill-cash.php
│   └── login
│       ├── history.php
│       ├── profil.html
│       └── sub-menu
│           ├── about.html
│           ├── film-1.php
│           ├── film-2.php
│           ├── film-3.php
│           ├── film-4.php
│           ├── film-5.php
│           └── search.php
├── index.html
└── test.html
```


CODE PREVIEW (BACK-END)

JS index.js X

public-back > JS index.js > ...

```
1  const express = require('express');
2  const app = express();
3  const db = require('./controllers/film_data');
4  const db2 = require('./controllers/account_data');
5  const db3 = require('./controllers/order_data');
6  const db4 = require('./controllers/price_data');
7  const { body, validationResult } = require('express-validator')
8  const session = require('express-session');
9  app.use(session({
10     secret: 'secret',
11     resave: true,
12     saveUninitialized: true
13 }));
14 const bodyParser = require('body-parser');
15 app.use(bodyParser.json());
16 app.use(bodyParser.urlencoded({ extended: true }));
17 const http = require('http');
18 const hostname = '127.0.0.1';
19 const port = 3001;
20 const Pool = require('pg').Pool
21 const pool = new Pool({
22   user: 'postgres',
23   host: 'localhost',
24   database: 'proyeksgb',
25   password: 'password',
26   port: 5432,
27 });
28 var cors = require('cors');
29 app.use(cors());
30
31 app.get('/', (request, response) => {
32   response.json(
33     { info: 'Back-End API for Proyek SBD Kelompok 7A' }
34   )
35 })
36
37
38 app.get('/films', db.getFilms);
39 app.get('/films/:film_id', db.getFilmsbyID);
40 app.post('/films/', db.createFilm);
41 app.get('/films/:film_id', db.updateFilm);
```

JS account_data.js X

public-back > controllers > JS account_data.js > ...

```
1  const Pool = require('pg').Pool
2  const pool = new Pool({
3    user: 'postgres',
4    host: 'localhost',
5    database: 'proyeksgb',
6    password: 'password',
7    port: 5432,
8  });
9  const { validationResult } = require('express-validator')
10
11
12 const getAccounts2 = (request, response) => {
13   pool.query('SELECT * FROM account_test ORDER BY account_id ASC', (err, results) => {
14     if (err) {
15       throw err;
16     }
17     response.status(200).json(results.rows);
18   })
19 }
20
21 const getAccounts2byID = (request, response) => {
22   const account_id = parseInt(request.params.account_id);
23   pool.query('SELECT * FROM account_test WHERE account_id = $1', [account_id], (err, results) => {
24     if (err) {
25       throw err;
26     }
27     response.status(200).json(results.rows);
28   })
29 }
30
31
32 const createAccount = (request, response) => {
33   const firstname = request.body.firstname;
34   const surname = request.body.lastname;
35   const email = request.body.email;
36   const wallet = 0;
37   const password = request.body.password;
38   if (!errors.isEmpty()) {
39     return response.status(422).json({ errors: errors.array() });
40   } else {
```

public-back

controllers

JS account_data.js

JS film_data.js

JS order_data.js

JS price_data.js

> node_modules

JS index.js

{ package-lock.json

{ package.json

WEB PREVIEW

COW

Q SEARCH FILM ABOUT ACCOUNT ▾

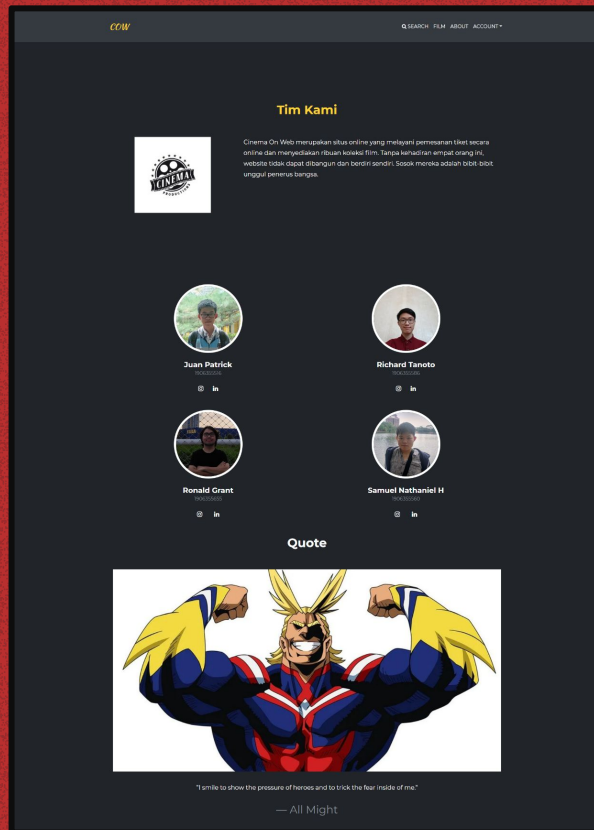
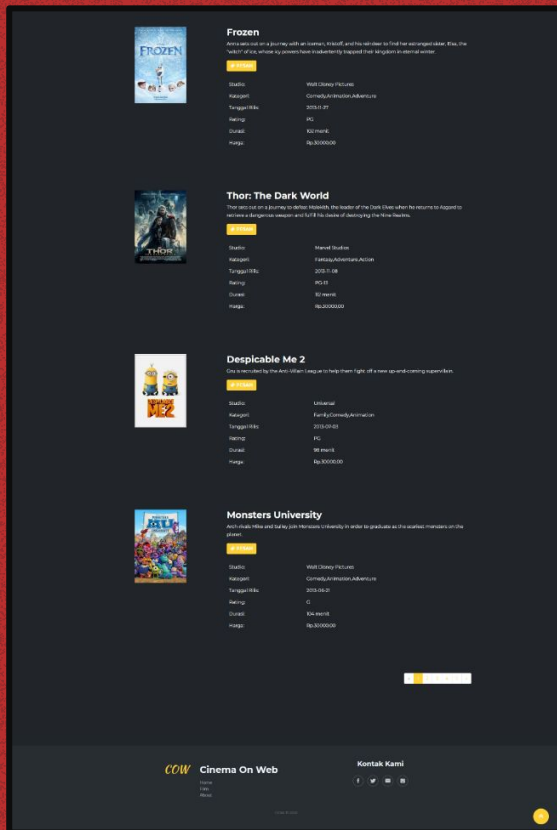
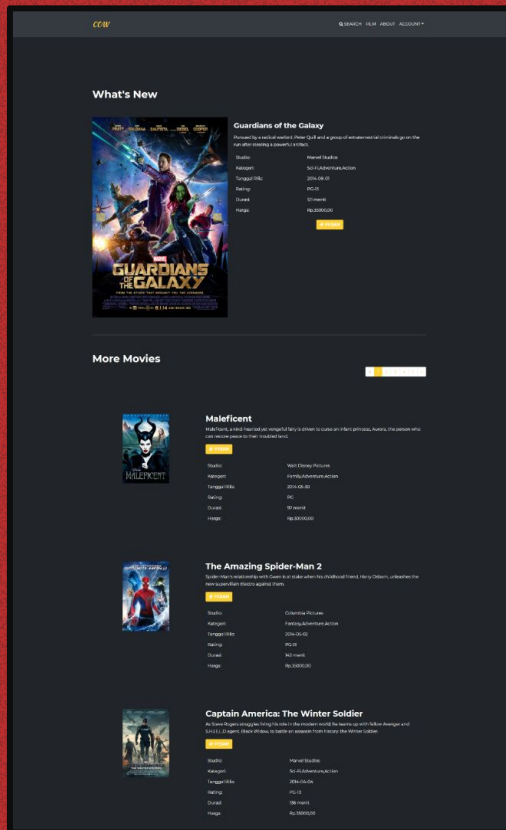
Welcome To Our Cinema!

THE BIGGEST FILM COLLECTION


BOOK NOW



WEB PREVIEW



WEB PREVIEW

Profile 

Hapus Akun

Email
richard.tanoto@yahoo.com

Firstname
Richard

Lastname
Tanoto

Saldo
Rp.85000,00

TRANSAKSI

ISI SALDO

RIWAYAT TRANSAKSI

Saldo Saat Ini: Rp.85000,00

Order ID:	21
ID Film:	12
Judul Film:	Despicable Me
Harga Film:	35000
Jumlah:	3

ISI SALDO

Saldo Saat Ini:
Rp.85000,00

Isi Saldo: (Rupiah)
Isi minimal 5000

KEMBALI

ISI

Create a New Account

Firstname	Lastname
Email	
Password	Confirm Password

SIGN UP

Sudah memiliki akun? [Login](#)

WEB PREVIEW

Pembayaran

ID Film: 10
Nama Film: Guardians of the Galaxy
Harga: Rp.35000,00

✕ Batal

\$ Bayar

Cari



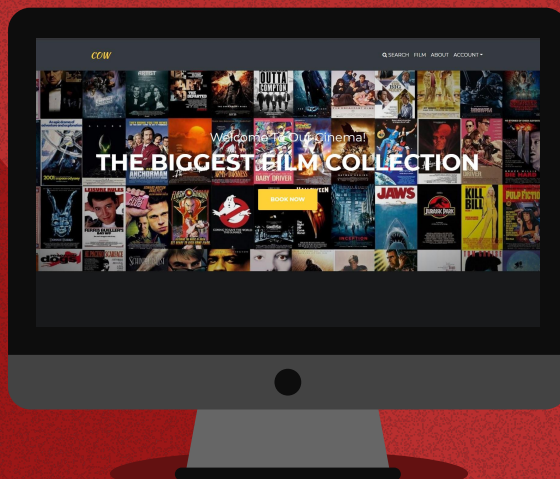
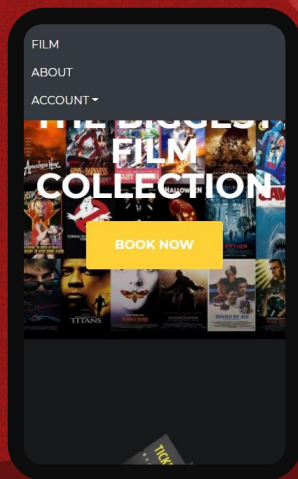
Captain America: The Winter Soldier

As Steve Rogers struggles living his role in the modern world, he teams up with fellow Avenger and S.H.I.E.L.D agent, Black Widow, to battle an assassin from history: the Winter Soldier.

➤ PESAN

Studio:	Marvel Studios
Kategori:	Sci-Fi,Adventure,Action
Tanggal Rilis:	2014-04-04
Rating:	PG-13
Durasi:	136 menit
Harga:	Rp.35000,00

WEB PREVIEW





THANKS!

Do you have any questions?

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<https://cow-7a.web.app/>

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