

# CINEMA

## Introduction

Requires a Web application for a small cinema. In the cinema one hall, where films are shown every 2 hours from 12:00 to 02:00, every day of the week.

Required application functions:

- view a list of films available for showing, output the fees for each film (adding, deleting, editing movies);
- creation of movie sessions, based on available films;
- view the list of sessions for a certain period with the display of the movie cost and the number of tickets sold;
- editing and canceling sessions.











## 1. MOVIES

### 1.1 MOVIES LIST

This page is designed to view a list of available movies and earned money on each movie's showing.

Possible actions of the user on the page «MOVIES LIST»:

- view the list of movies;
- adding a movie to the database;
- editing a movie;
- delete the movie.

 <b>MOVIES</b> SESSIONS			
MOVIES LIST			
TITLE	EARNED		
Terminator	750		
Matrix	880		
Alien	1030		
Blade runner	580		

1.1 View the list of available movies


### Main scenario:

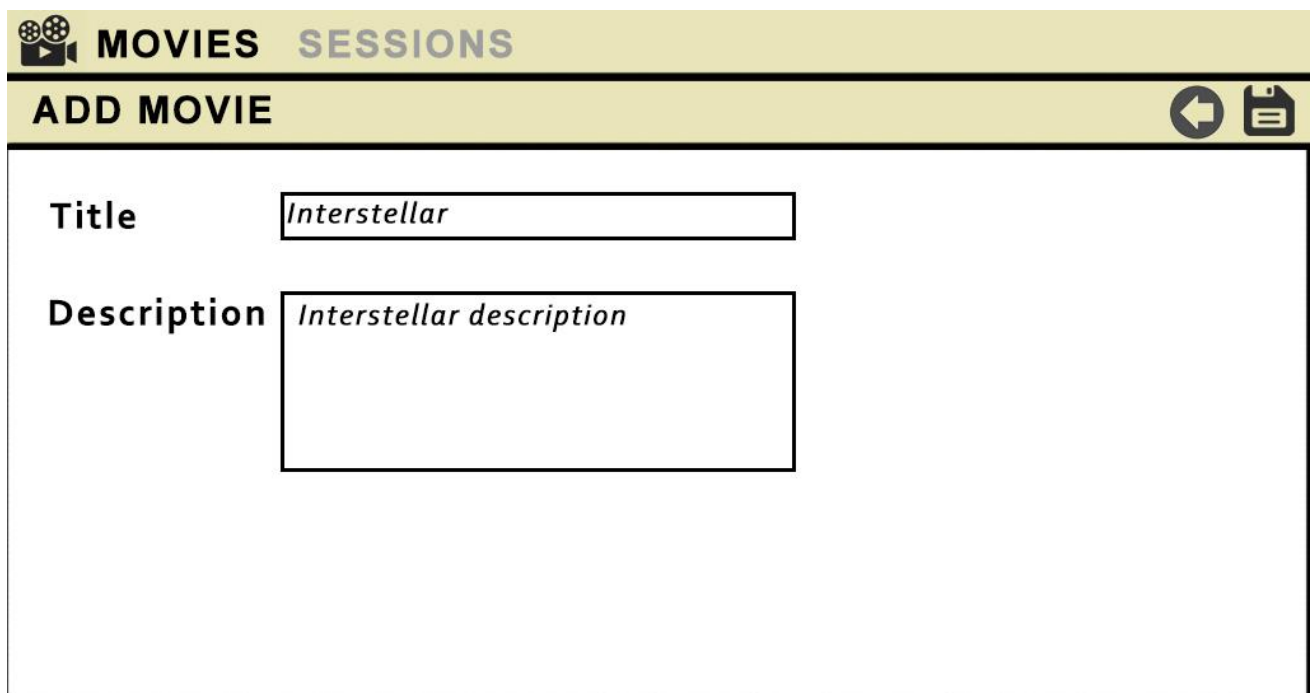
- user presses the «**MOVIES**» button;
- list of films with money earned for each is displayed.

## 1.2 ADD MOVIE

On this page, the movie is added to the database. The name, description and poster are selected.

### Possible actions of the user on the page «ADD MOVIE»:



- filling in the data;
- saving the data;
- return to the list of movies without saving data . When you return, the data is not saved in the database.




The screenshot shows a web interface for adding a movie. At the top, there is a navigation bar with two tabs: 'MOVIES' (active) and 'SESSIONS'. Below this is a sub-header 'ADD MOVIE' with a back arrow icon and a save icon. The main form area contains two input fields: 'Title' with the value 'Interstellar' and 'Description' with the value 'Interstellar description'.

1.2 Add movie in data base

### Main scenario:

- the user, while in the movie list view mode, presses the  button;
- the form for adding the movie «**ADD MOVIE**» is displayed;
- the user fills in the title and description of the movie;
- when user enter incorrect data and press the save button , a warning is displayed (it is impossible to save until the data is correct), the user remains on the page of adding the movie;
- with correctly entered data and pressing the save, the movie is recorded in the database and the list of movies «**MOVE LIST**» with the updated list of movies is displayed;
- if an error occurs while writing data, an error is displayed: "Error saving data".


#### Undo adding scenario:


- the user fills in the title and description of the film;
- the user clicks the  button;
- the changes are not saved to the database, the list of movies «**MOVIES LIST**» is displayed.



### 1.4 EDIT MOVIE

On this page, the user has the opportunity to edit information about a particular movie.

#### Possible actions of the user on the page «EDIT MOVIE»:

- editing of data;
- saving of data;
- return to the list of movies without saving data . When user return, the data is not saved in the database.

 **MOVIES** SESSIONS



**EDIT MOVIE**  

**Title**


**Description**

1.4 Edit movie

#### Main scenario:


- the user, while in the movie list view mode, presses the  button;
- the form for adding the movie «**EDIT MOVIE**» is displayed;
- the user edits the title and description of the movie;
- when user enter incorrect data and press the save button , a warning is displayed (it is impossible to save until the data is correct), the user remains on the movie editing page;
- with correctly entered data and pressing the save, changes are recorded in the database and the list of movies «**MOVE LIST**» with the updated list of movies is displayed;
- if an error occurs while writing data, an error is displayed: "Error saving data.".


#### Undo editing scenario:









- the user edits the title and description of the movie;
- the user clicks the  button;
- the changes are not saved to the database, the list of movies «**MOVIES LIST**» is displayed.

### 1.5 DELETE MOVIE

On this page, a pop-up window appears asking for confirmation of the deleting.

 **MOVIES** SESSIONS

**MOVIES LIST** 

TITLE	EARNED		
Terminator	750		
Matrix			
Alien			
Blade runner			


DELETE MOVIE

Delete "The Terminator"?


CancelDelete

1.5 Confirmation of removal

#### Main scenario:

- the user can press the  button while viewing the movie list;
- if the movie participates in the sessions, the delete button must be inactive;
- if there is no sessions for this film, then the delete button becomes active and the user can click on it;
- the confirmation window with the text "Delete <MOVIE>?" appears on the screen;
- when user click on the "**DELETE**" button, the record with this movie in the database is marked as deleted (it is not deleted from the database). The user is redirected to the page «**MOVIE LIST**» with the updated list of movies;
- if an error occurred during data deletion, an error message is displayed: "Data deleting error.";

#### Undo deleting scenario:

- the user, while in the «**MOVIE LIST**» can click on the active button  ;
- the confirmation window with the text "Delete <MOVIE>?" appears on the screen;
- the user presses the "**CANCEL**" button;
- «**MOVIE LIST**» page is displayed with the updated list of movies.

## 2. SESSIONS

### 2.1 SESSIONS LIST

In this mode, the user can view the list of available and past sessions.

Possible actions of the user on the page «**SESSIONS LIST**»:

- view the list of available sessions for the current date;
- filtering sessions by date;
- create a session;
- editing a session;
- cancellation of the session.

MOVIES SESSIONS						
SESSIONS LIST						
from		29.03.18		to		Filter
DATE	TIME	FILM	COST	SOLD TICKETS		
29.03.18	12:00	Terminator	2	35		
	14:00	Terminator	2	44		
	16:00	Matrix	3	83		
	18:00	Alien	3	95		
	20:00	Forest Gump	3	108		
	22:00	Blade runner	4	136		
	00:00	Blade runner	4	58		

2.1 View the list of available sessions

Main scenario:

- the user presses the «**SESSIONS**» button;
- «**SESSIONS LIST**» is displayed, with sessions on the current date.

The following data is displayed in the list:

- **DATE** - date;
- **TIME** - session time;
- **FILM** – title of movie;
- **COST** – ticket price;
- **SOLD TICKETS** – number of tickets sold.

Filtration:

To view the list of available sessions for a specific date or for a certain number of days, a filter function is provided.

The start date of the filter must not be greater than the end date.


If the data is not entered, the filtering is not performed.

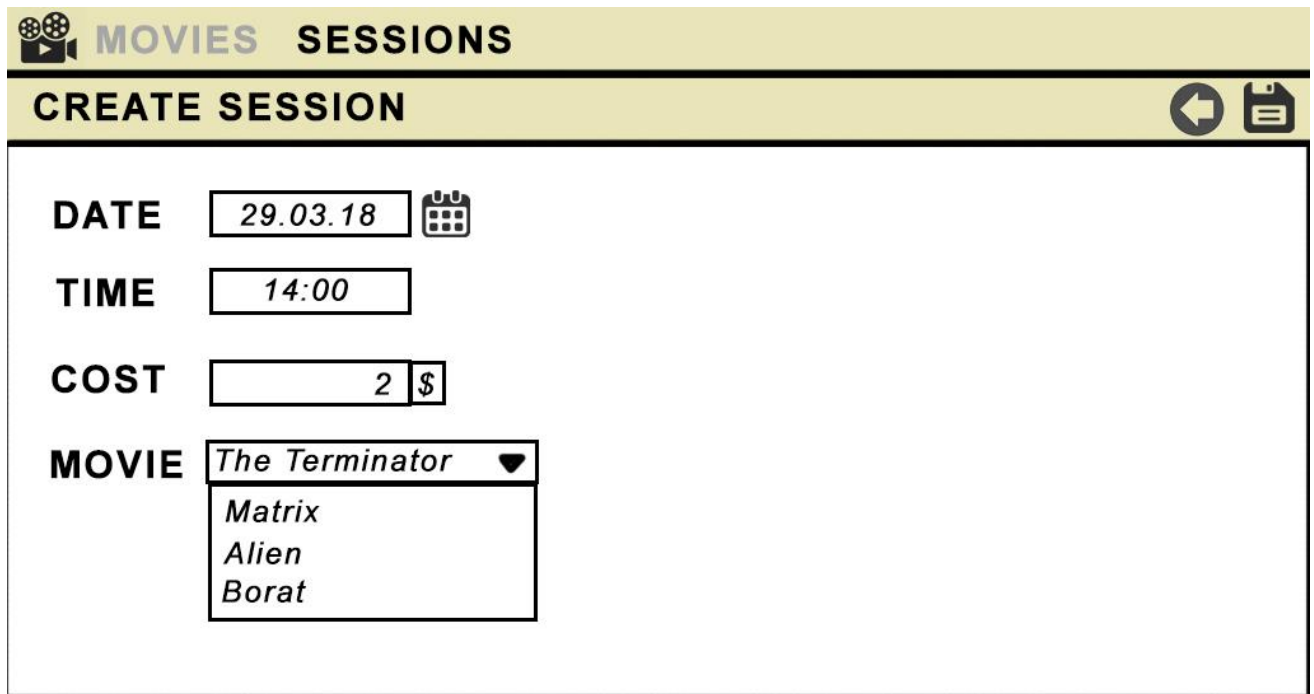
If the initial date value is not entered, the filtering is only on the final date.  
If the end date is not entered, then filtering only on the initial date.  
The default filter is set from the current date plus 3 days.  
Update the data after selecting the filtering data by clicking the **"Filter"** button.

## 2.2 CREATE SESSION

On this page creates a session and adds it to the database. The date, time, movie and ticket price are filled.


Possible actions of the user on the page «CREATE SESSION»:

- filling in the data;
- saving the data;
- return to the session list without saving the data . When you return, the data is not saved in the database.



**MOVIES SESSIONS**

**CREATE SESSION**

**DATE**  

**TIME**

**COST**  \$

**MOVIE**

The Terminator ▼

Matrix

Alien


Borat


2.2 Create session

Data available for input:


- DATE – date of the session (can not be less than the current date), can be selected using a drop-down form or entered manually according to the specified format;
- TIME – time of the session for the selected date (format 12:00);
- MOVIE – the movie for this session is selected from the drop-down list of available movies;
- COST – ticket price in \$.

Main scenario:

- the user, while in the session list view mode, presses the  button;
- the form for **"CREATE SESSION"** is displayed;
- the user fills in all the required fields;

- when user enter incorrect data and press the save button  , a warning is displayed (it is impossible to save until the data is correct), the user stays on the session creation page;
- with correctly entered data and pressing the save, the session is written to the database and the list of sessions "**SESSION LIST**" with the updated session list is displayed;
- if an error occurs while writing data, an error is displayed: "Error saving data".


#### Undo creating session scenario:


- the necessary data are filled in;
- the user clicks the  button;
- the changes are not saved to the database, the "**SESSION LIST**" is displayed.



## 2.3 EDIT SESSION


On this page, the user may to edit information about a particular session.

#### Possible actions of the user on the page «EDIT SESSION»:

- editing of data;
- saving of data;
- return to the session list without saving the data  . When you return, the data is not saved in the database.


**MOVIES SESSIONS**


**EDIT SESSION**



**DATE**  

**TIME**

**COST**  \$


**MOVIE**





Matrix  
Alien  
Borat


2.3 Edit session

#### Main scenario:

- the user, while in the session list view mode, presses the  button;
- the form for "**EDIT SESSION**" is displayed;
- The user edits the film to display and (or) the ticket price;


- when user enter incorrect data and press the save button  , a warning is displayed (it is impossible to save until the data is correct), the user remains on the session editing page;
- with correctly entered data and pressing the  , changes are written to the database and "SESSION LIST" with the updated session list is displayed;
- if an error occurs while writing data, an error is displayed: "Error saving data".

#### Undo editing scenario:

- the user edits the film to display and (or) the ticket price;
- the user clicks the  button;
- the changes are not saved to the database, the "SESSION LIST" is displayed.

## 2.4 DELETE SESSION

On this page, a pop-up window appears asking for confirmation of the cancellation of the session. If you cancel a certain session, it is understood that money for purchased tickets is returned to the viewers. Therefore, the fees of the film that was to be shown will change to the lower side (on the page "MOVIE LIST"). The session is not deleted from the database, but is marked as canceled.




MOVIES

SESSIONS


SESSIONS LIST

from


29.03.18

















to




Filter



DATE	TIME	FILM	COST	SOLD TICKETS		
29.03.18	12:00	Terminator	2	35		
	14:00	DELETE SESSION				
	16:00	Delete session 29.03.18 12:00				
	18:00	with movie "Terminator"?				
	20:00					
	22:00	<div>CANCEL</div> <div>DELETE</div>				
	00:00	Blade runner	4	58		

2.4 Delete session


#### Main scenario:

- the user, while in the session list view mode, presses the  button;
- the confirmation screen for canceling the session with the text is displayed: "DELETE <SESSION>?";



- when user click on the "**DELETE**" button, the record with this session in the database is marked as deleted (it is not deleted from the database). The user is redirected to the "**SESSION LIST**" page with an updated list of sessions;
- if an error occurred during data deletion, an error message is displayed: "Data deletion error";

Undo deleting scenario:

- the user, while in the session list view mode, presses the  button;
- the confirmation screen for canceling the session with the text is displayed: "DELETE <SESSION>?";
- the user presses the "**CANCEL**" button;
- the "**SESSION LIST**" page is displayed with an updated list of sessions;