

# COMP2121 E-business - Cinema website - ABC Cinema

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## Introduction

This report provide a description of our cinema website called ABC Cinema.

Group leader, Drabek Jan which MySQL account also will be used in the project.  
All the HTML, PHP, CSS, JS and other source files will be stored in Jan's public\_html directory  
on PolyU COMP server in folder cinema.

<http://www2.comp.polyu.edu.hk/~16019015x/cinema>

MySQL information:

Student no: 16019015X

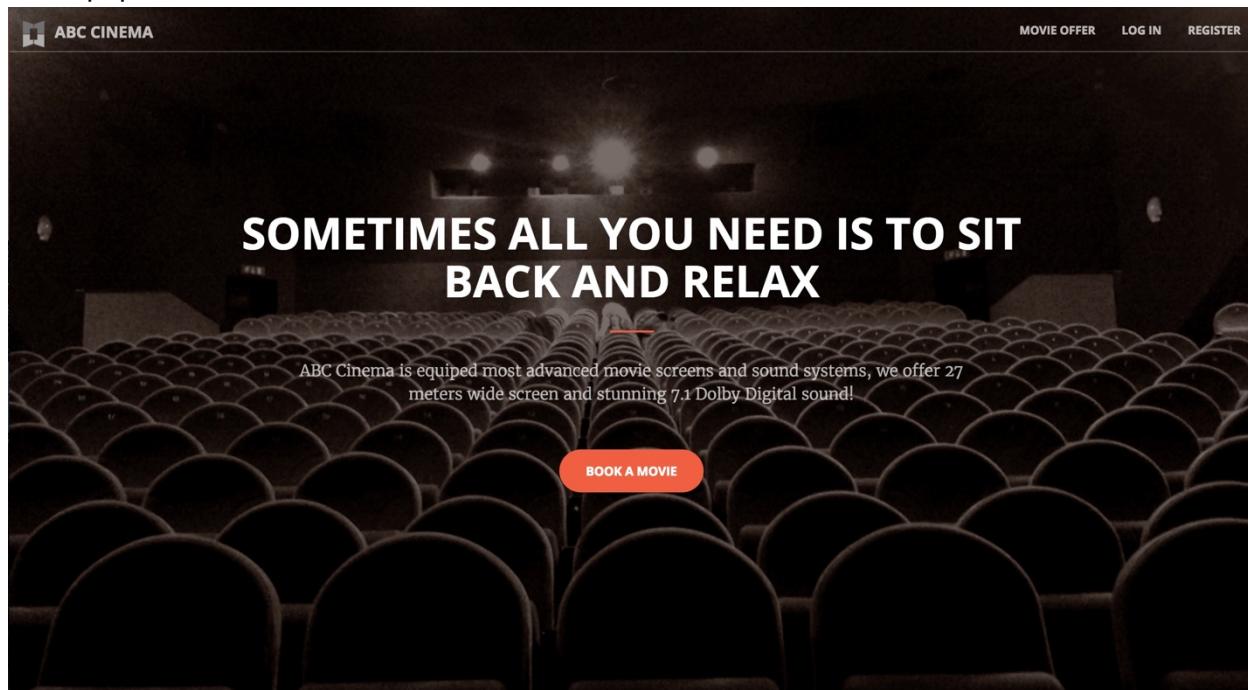
Password: xwpksecu

## PART I - Functional Requirements

Our website covers 5 basic functions (Welcome Page, Account Management, Movie Listing, Seat selection and Booking, Ticket purchase), that will be described in the following.

### Welcome Page

index.php



The first page that gets presented to user when entering the website.

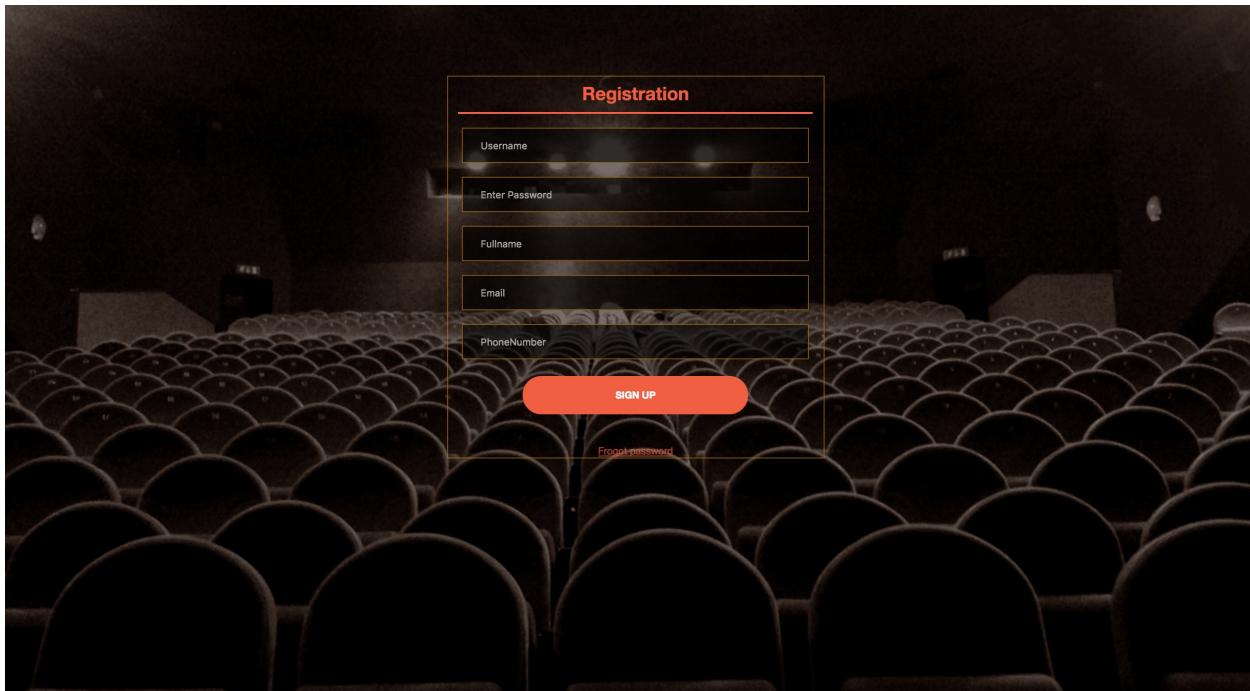
## **Account Management**

Account management provide the registration, login/logout, view or update personal information, reset password and CAPTHA.

### Registration page:

The user will have to give following information to register to the website: username (that is the primary key), fullname, password, email and phone number.

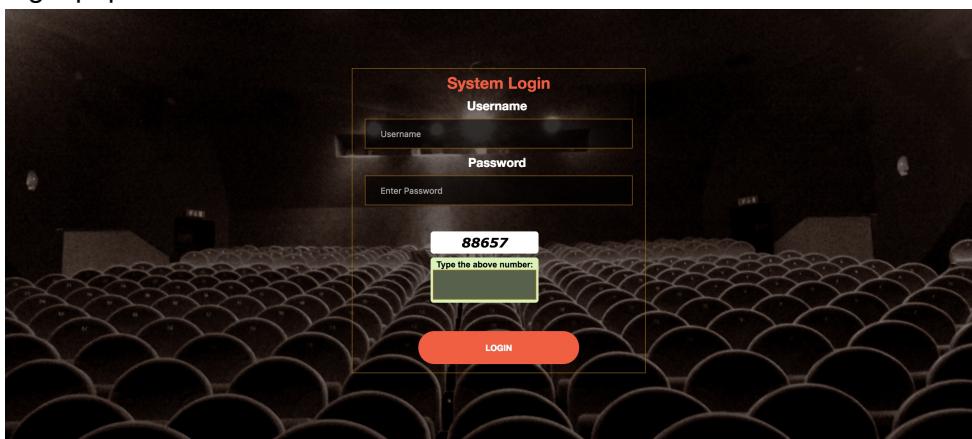
registration.php



### Login page:

To be able to login user has to be registered and fill the username and password as well as the CAPTCHA field.

login.php



### View/Update personal Information

On this page user can view all of his personal data (except the password), he can also update all of the data including password but not the username.

To update the date user needs to fill the appropriate input field, no need to fill all of the fields, just the ones he wishes to change.

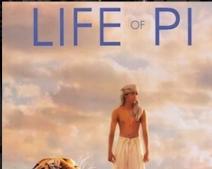
edit\_user.php

The screenshot shows a web page titled "edit\_user.php" with a dark background featuring rows of movie theater seats. At the top, there is a navigation bar with links: "ABC CINEMA", "MOVIE OFFER", "QUIDO QUIDICH", "SHOPPING CART (1)", and "LOGOUT". Below the navigation bar, the page title "Personal Data" is centered above a horizontal line. To the left of the line, there is a legend with four icons: a person for "Change Fullname", a lock for "Change Password", an envelope for "Change Email", and a phone for "Change PhoneNumber". To the right of the line, the user's current information is displayed: "Your username: Quido Quidich", "Your fullname: Quido Quidich", "Your email: drabek.honza@gmail.com", and "Your phone number: 1234566789". Below this section, there are four input fields with the placeholder text from the legend: "Change Fullname", "Change Password", "Change Email", and "Change PhoneNumber". Each input field has a small orange icon to its right. At the bottom center of the page is a large orange "UPDATE" button.

## Movie Listing

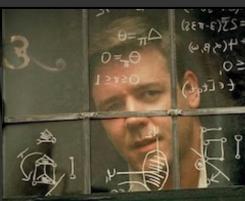
Movie Listing shows the available movies, where it is possible to search by categories, thriller, comedy, horror etc., alphabetic order and allowing the user to search by name (or even by a substring).

### movie\_offer.php

Name	Price	Duration	Category	Search
	Hulk	130 SHKD 120 min	(Action)	
Bruce Banner, a genetics researcher with a tragic past, suffers an accident that causes him to transform into a raging green monster when he gets angry.				
	Planet Earth	100 SHKD 73 min	(Documentary)	
Emmy Award-winning, 11 episodes, 5 years in the making, the most expensive nature documentary series ever commissioned by the BBC, and the first to be filmed in high definition.				
	Iron Man	120 SHKD 123 min	(Action)	
After being held captive in an Afghan cave, billionaire engineer Tony Stark creates a unique weaponized suit of armor to fight evil.				
	Iron Man 2	140 SHKD 134 min	(Action)	
With the world now aware of his identity as Iron Man, Tony Stark must contend with both his declining health and a vengeful mad man with ties to his father's legacy.				
	Life of Pi	115 SHKD 127 min	(Action)	
A 16 year-old Indian boy's passage to a new life in America aboard a freighter ends in a shipwreck in the Pacific. He is left to fend for himself				
	Inferno	89 SHKD 120 min	(Action)	
In the heart of Italy, Harvard professor of symbology Robert Langdon is drawn into a harrowing world centered on one of history's most				
	Chicken Run	89 SHKD 95 min	(Comedy)	
A comedy drama set on a Yorkshire chicken farm in 1950s England, the story follows the turbulent romance between Rocky the Rooster and				
	Almost Christmas	100 SHKD 110 min	(Comedy)	
A beloved patriarch asks his family for one gift this holiday season: to get along. If they can honor that wish and spend five days under the same roof				

### Categories Selection

The movies are grouped into three categories; Action, Comedy and Documentary. Upon hovering on the Category field, a dropdown menu appears where user can select from all the categories, when clicking on the category, the movies get filtered and only movies from that category appear.

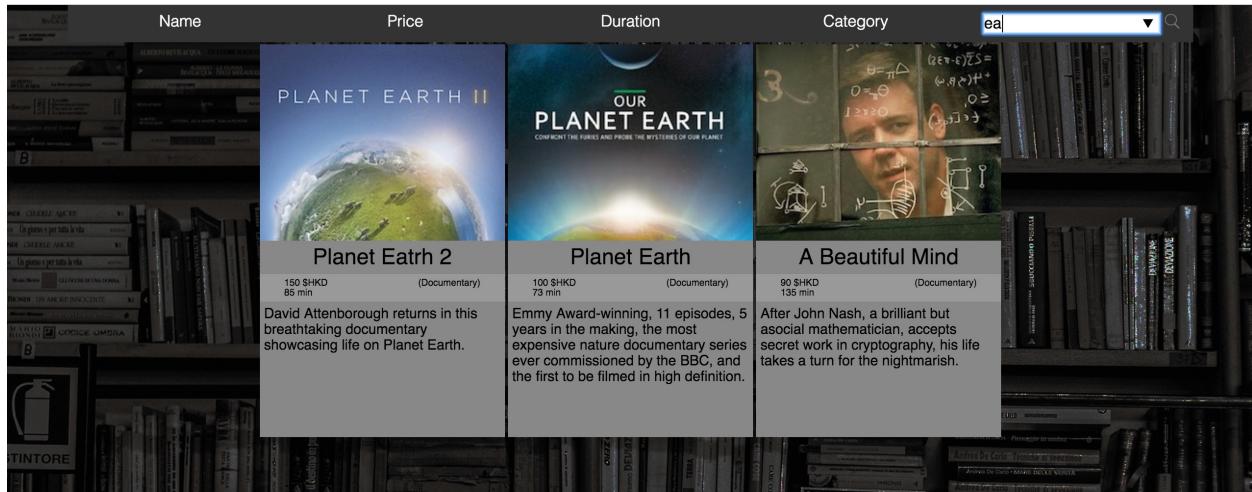
Name	Price	Duration	Category	Search
	A Beautiful Mind	90 SHKD 135 min	(Documentary)	
After John Nash, a brilliant but				
	Almost Christmas	100 SHKD 110 min	(Comedy)	
A beloved patriarch asks his family				
	Aspergers are us	80 SHKD 82 min	(Documentary)	
In this coming-of-age heartfelt				
	Chicken Run	60 SHKD 95 min	(Comedy)	
A comedy drama set on a Yorkshire				

### Sorting

Sorting is done based on 3 basic attributes, Name, Price and Duration. When clicking The appropriate button the movies get sorted in ascending order, when clicking the second time the moves get sorted again but this time in descending order, this works for all of the attributes the same.

## Searching

Search filtering is done based on the query typed into the search field, movies are searched by name even on substring basic, that meaning typing for example just “ea” into the search field will filter the movies and show only the ones containing “ea” in their name.



## **Seat selection and Booking**

The user can choose seats, add the seat tickets to the shopping cart and either continue shopping or go to pay.

### Choose seats

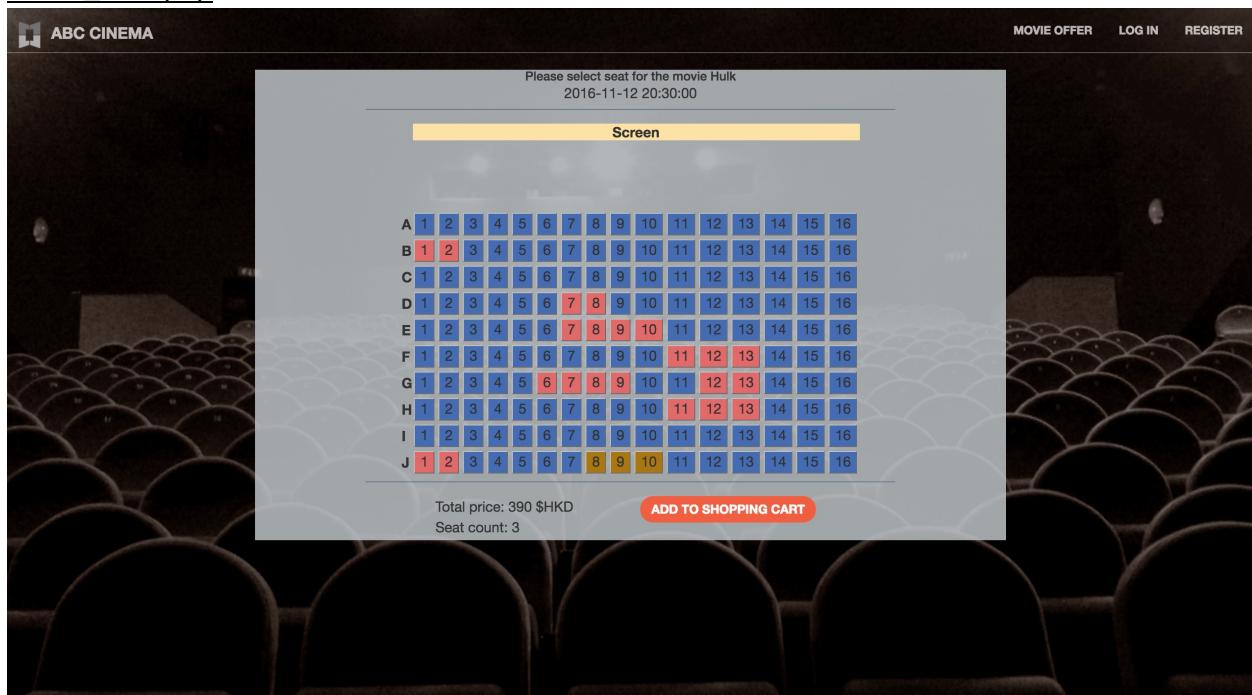
User can see the availability of the seats, the occupied seats are marked red, the free seats marked blue and the seats he has already selected marked brown.

By clicking on the blue seats they get marked as selected and those are the seats added to the card after clicking the button “Add to shopping cart”.

Clicking already selected seats will remove them from the selection and mark them blue (available again). User can see the price and ticket count updated in real time in the lower right corner.

Clicking read (unavailable) seats will show a warning about that seat being already booked.

### select\_seat.php

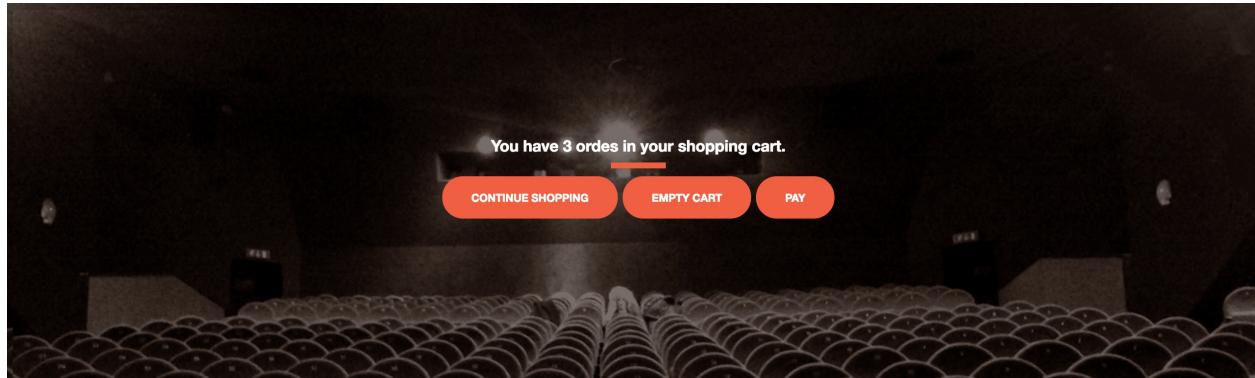


## Ticket purchase

### Cart

User can see at all times how many movies has he booked on the shopping cart page, there he can also empty the cart, this will deselect all the seats and make them available again.

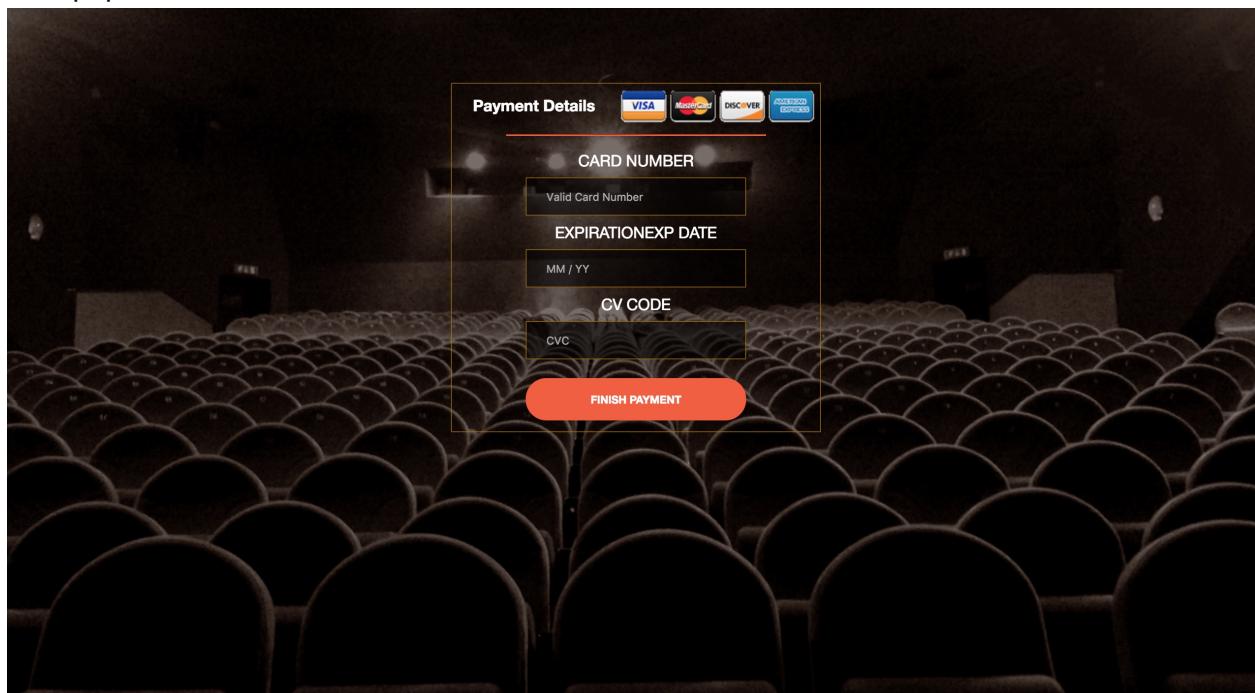
cart.php



### Payment

When user is ready to pay, he can go to this page where he needs to fill the payment details, this page can be accessed either from the shopping cart page or after the tickets were added to the shopping cart.

card.php



## PART II - Advanced Functions

### Interactive Seat Selections

Display a dynamic seat selection figure with both available and unavailable seats. A user can click on the seats directly to select the seats. (Hints: one simple way to implement this is to construct some buttons)

### Smart Seat Selections

Reject users' seats request if the request would create an isolated seat. For example, if a user selects E04 and E06 only, this request should be rejected. The following screen happens when I try to cancel the selection of E05.