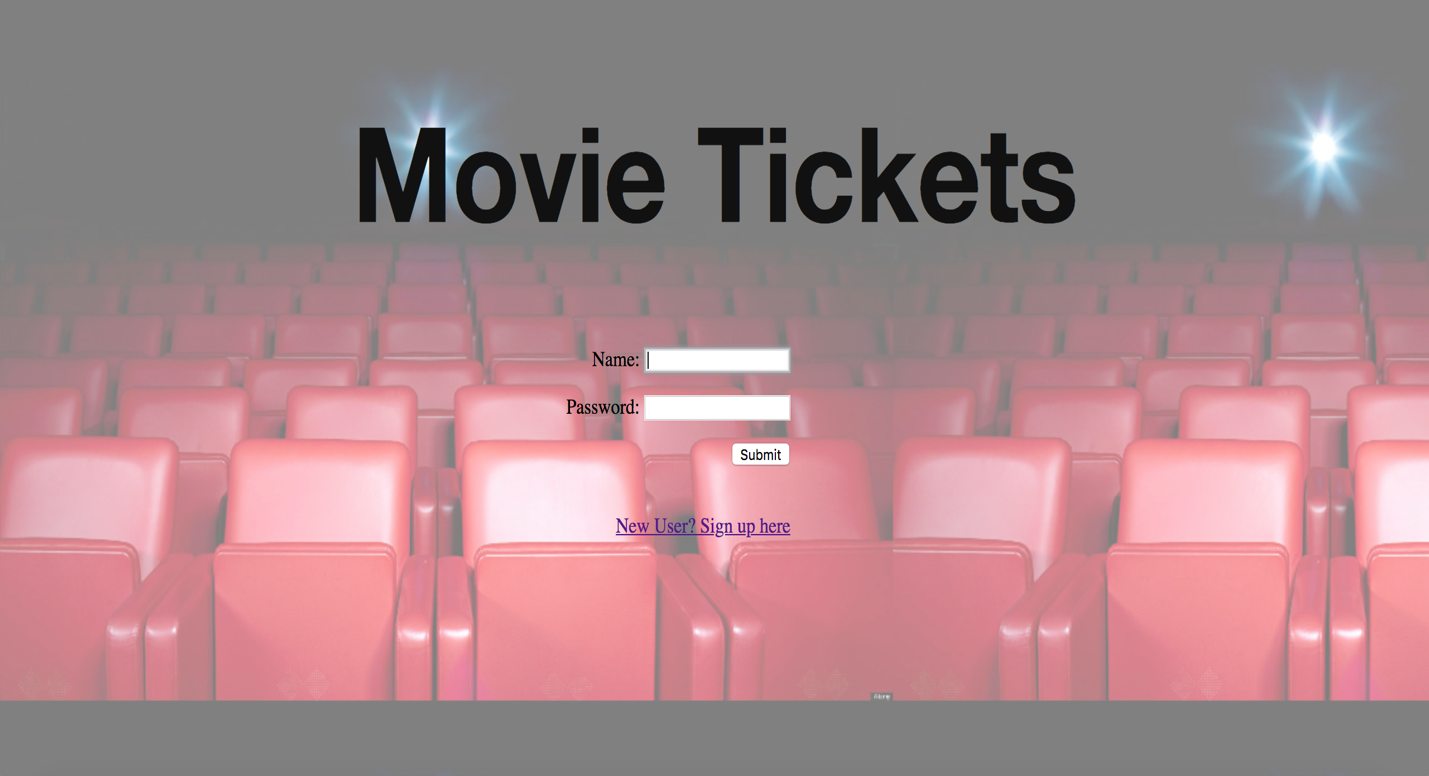
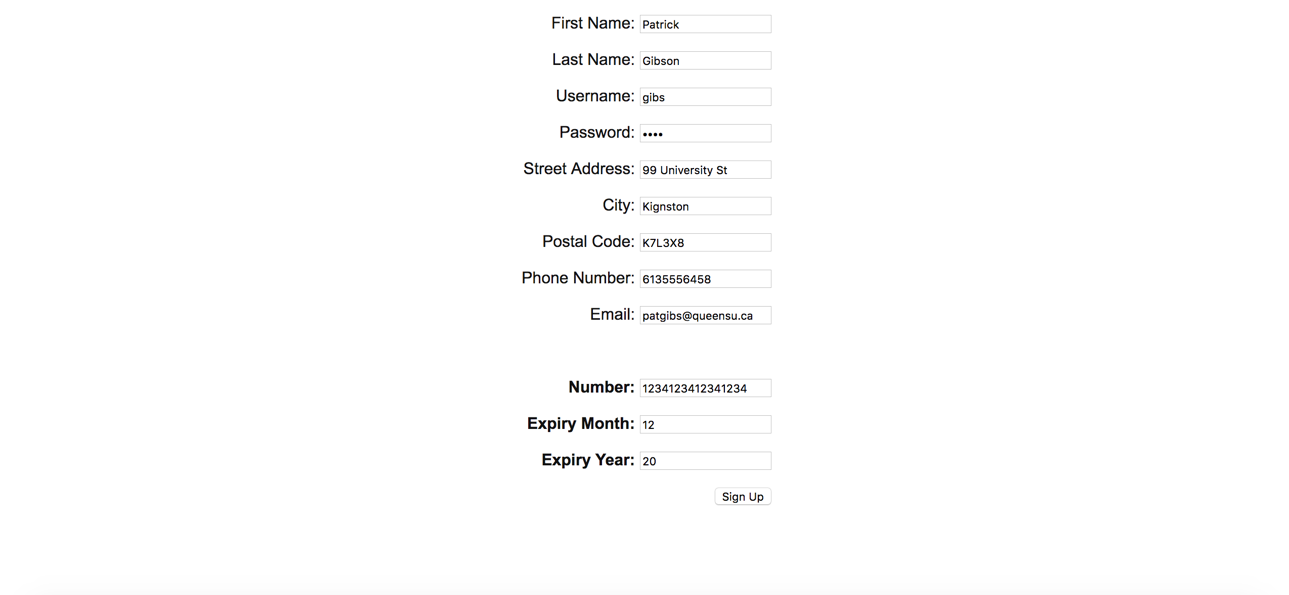
# Welcome to the Online Movie Ticket Service!

OMTS is an online application to help you view and purchase tickets for upcoming movies at the cinema, view previous purchases, write and edit movie reviews, and customize your profile.

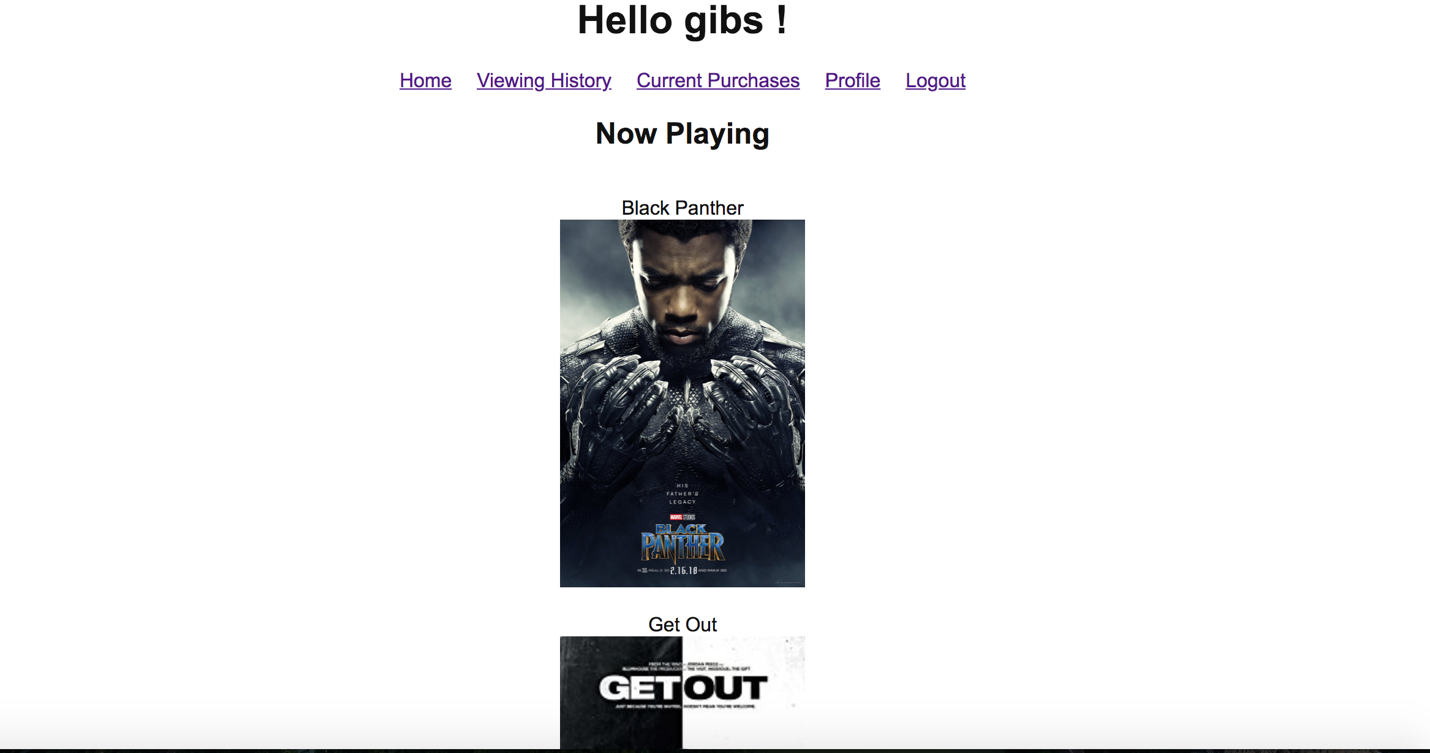


The first screen you see on the website is the Login page. If you are a new user, click on the sign-up button. This will lead you to the Sign-up page, where you can input all of your information. If you already have an account, sign in with your credentials. If you are an administrator, please to proceed to the Administrator section on page 7 (sign in is same as Customer). The Login and Sign-up page both lead you to the Customer Dashboard when you click on the Submit and Sign up buttons, respectively.



# Customer

## Customer Dashboard (see appendix [1.1] for queries)

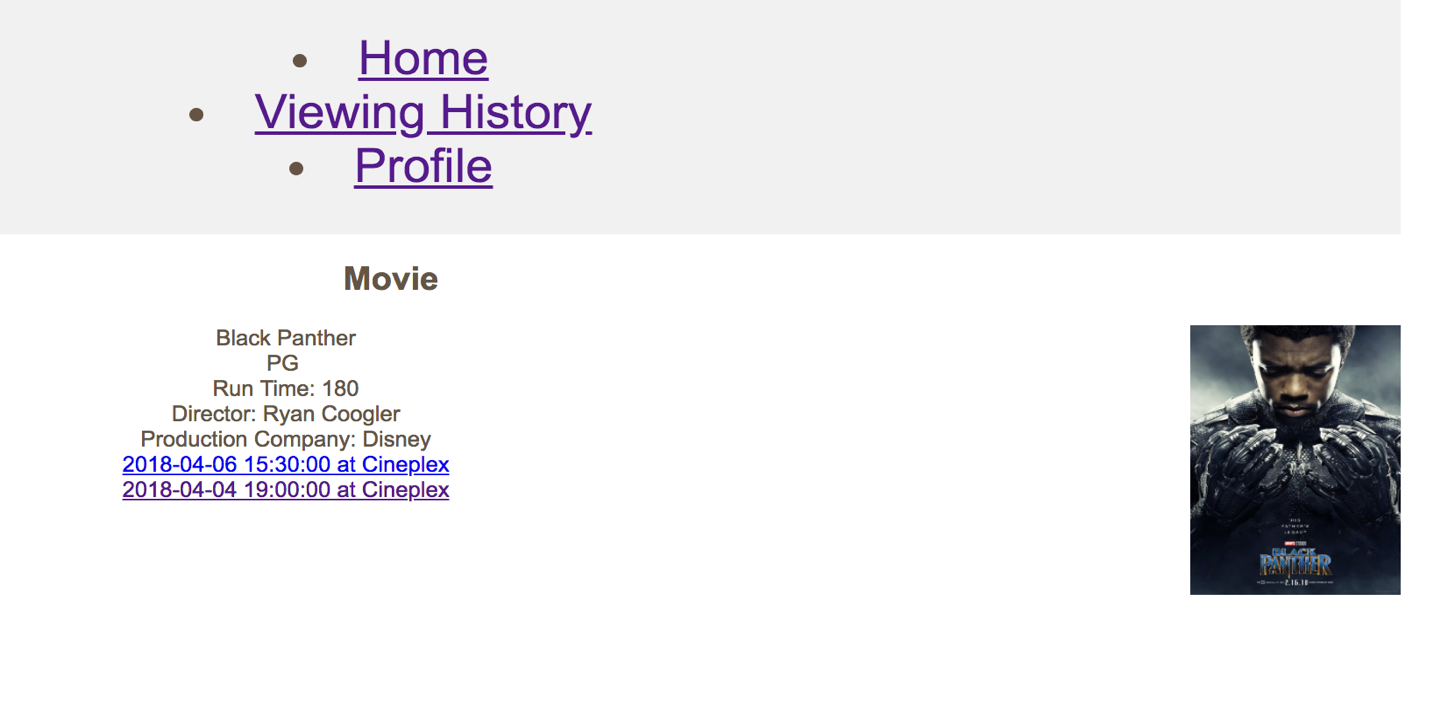


You have now reached the main page of the website! From the Dashboard, you can access all parts of the site. The Dashboard displays movies that are currently playing in the various theatre complexes and provides a taskbar to help navigate you throughout the website. Clicking on the taskbar links, or clicking on a movie poster, will lead you through the site. The Dashboard can be reached from any page by clicking on Home in the taskbar. Click on the headings below to explore all the site has to offer.

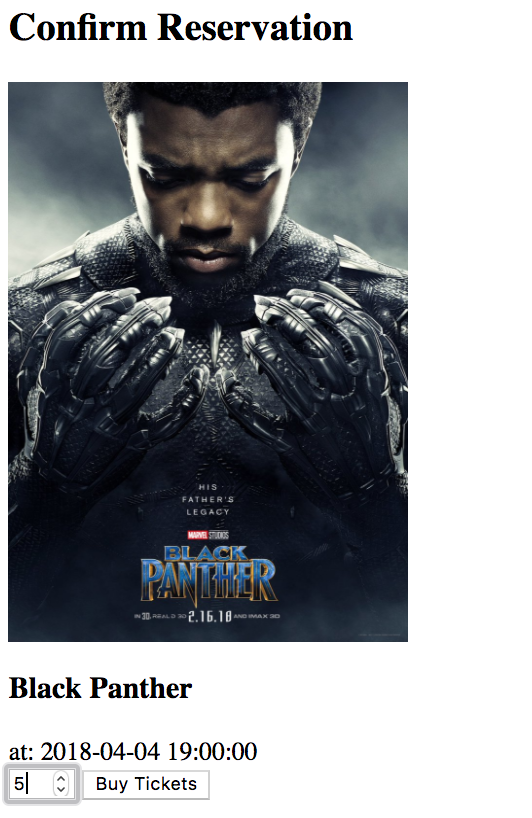
* Click on Movie Poster
* Viewing History
* Current Purchases
* Profile
* Logout

## Click on Movie Poster (see appendix [1.1] for queries)

* To buy tickets for a movie, click on the appropriate movie poster on the Dashboard



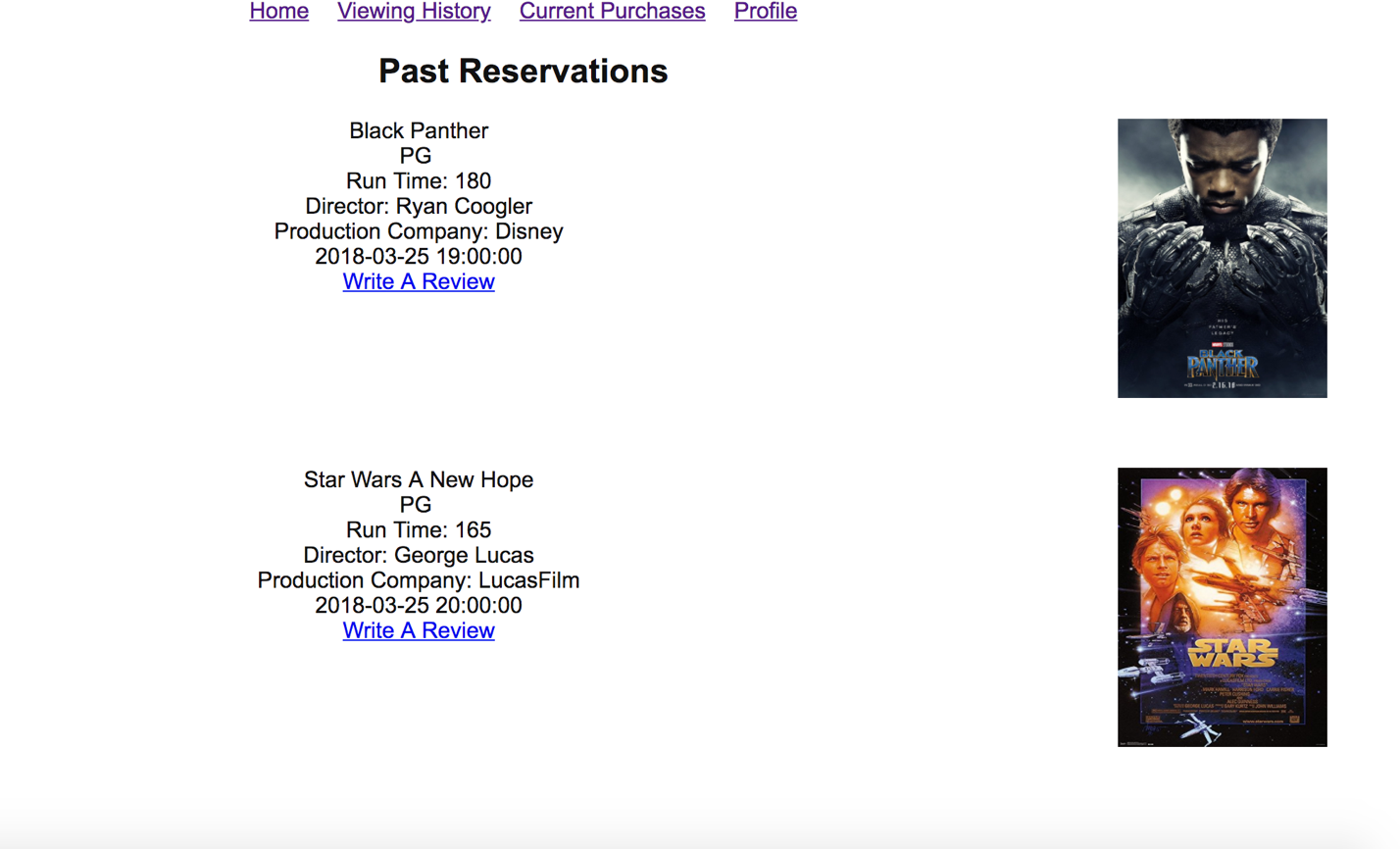
* The date, time and location of every future showing for this movie will be shown
* Click on showing to purchase a ticket. The page below will be shown on click, for the appropriate showing

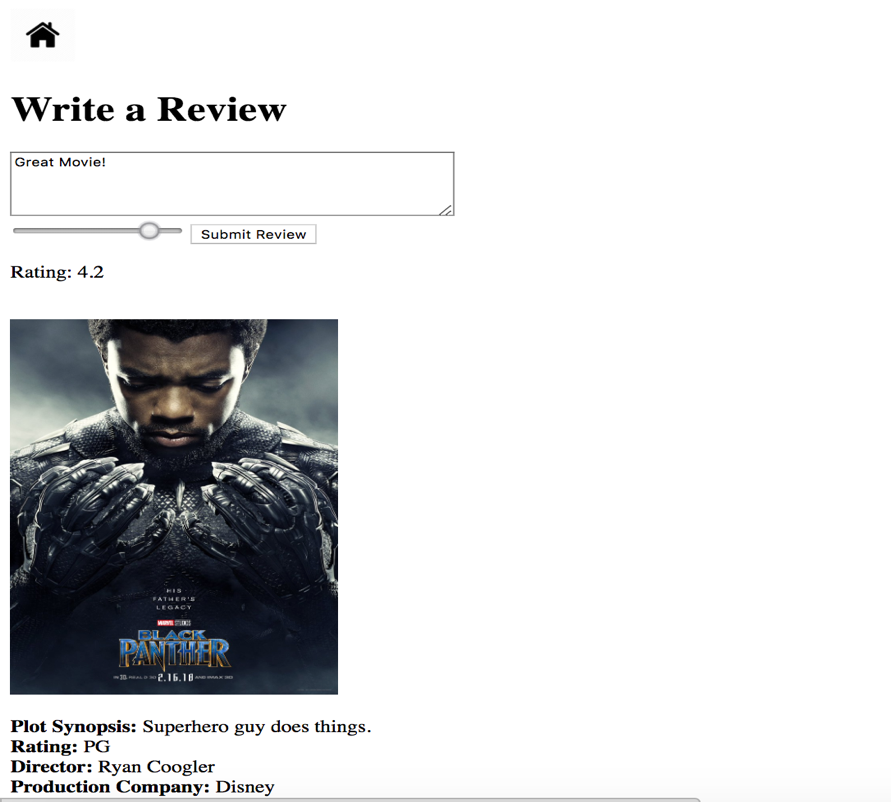


* To purchase a ticket, enter the number of tickets you wish to buy and click Buy Tickets. You will be redirected back to the Dashboard, and the movie tickets you purchased can now be found in Viewing History

## Viewing History (see appendix [1.2] for queries)

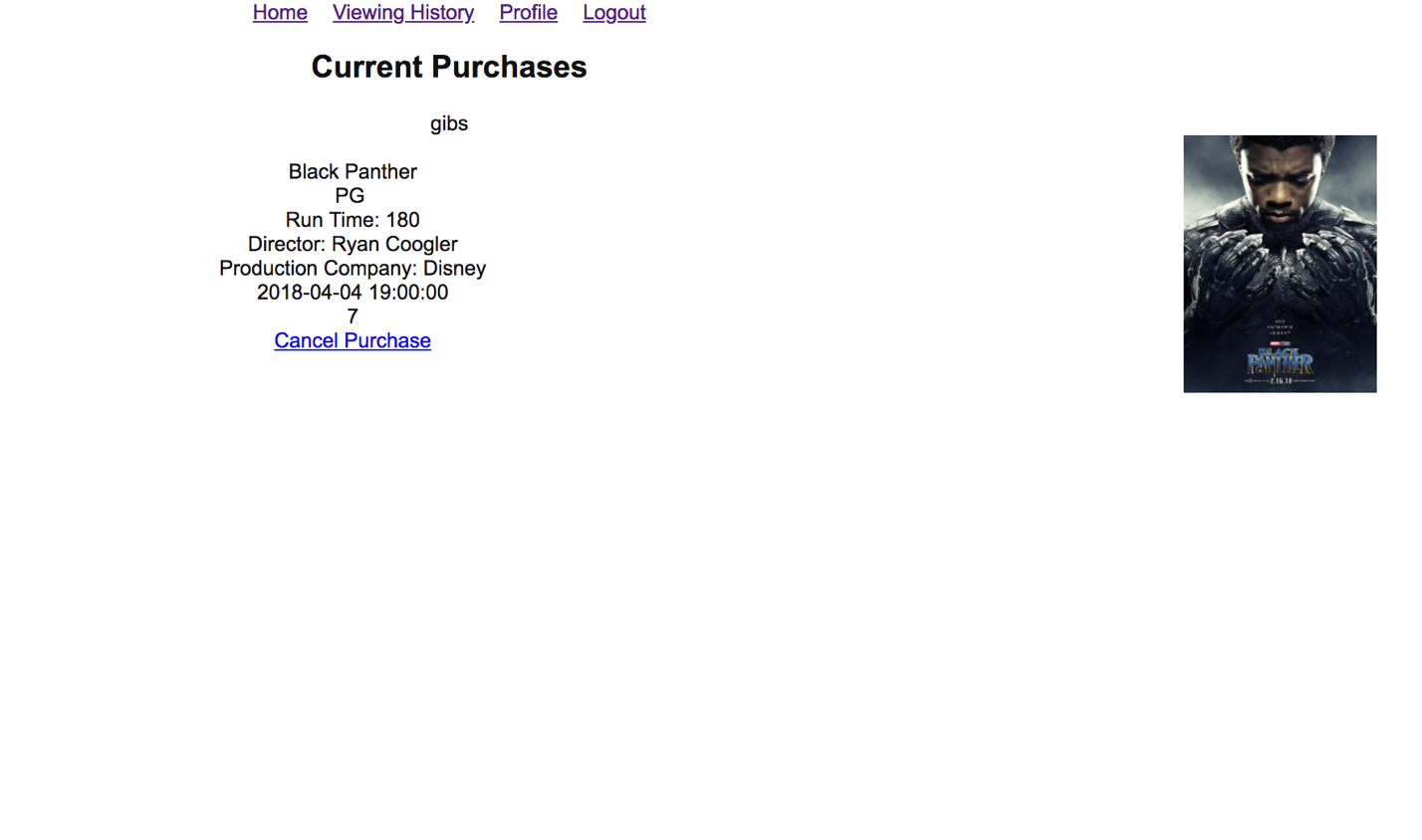
* The Viewing History page displays all of your previously purchased movie tickets. It is reached by clicking on Viewing History in the taskbar



* To write a review for a movie you have watched, click on the Write A Review button below the appropriate movie
* The webpage below will be shown. You are able to write a review for the movie, up to 255 characters, and also give the movie a rating from 0-5
* Click Submit Review to enter your review for the movie

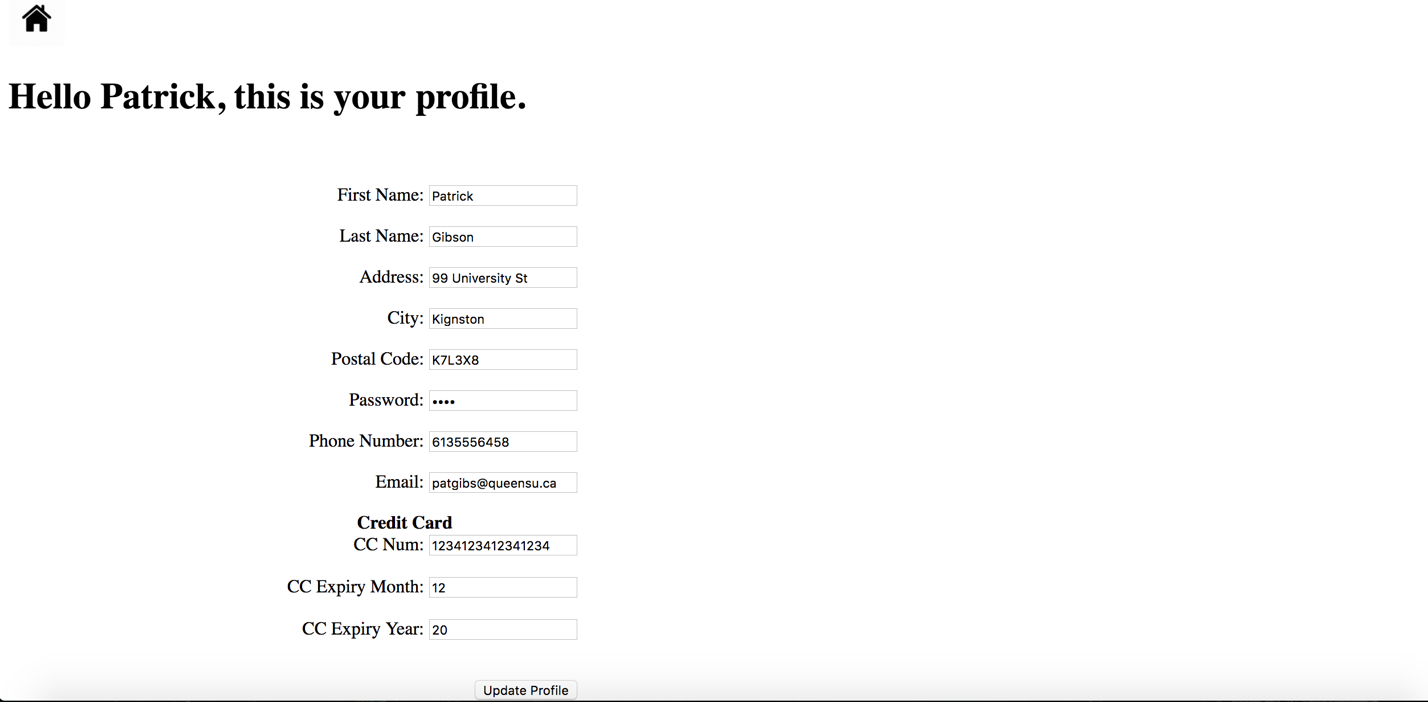
## Current Purchases (see appendix [1.3] for queries)

* The Current Purchases page displays all movies that you have purchased tickets for, that are still in the future. This page is accessed by clicking on Current Purchases from the taskbar
* To cancel any future tickets, click on the Cancel Purchase button for the appropriate movie



## Profile (see appendix [1.4] for queries)

* The Profile page allows you to edit the information that is stored about you. This page is reached by clicking on the Profile button in the taskbar
* The fields show your current Profile info. To edit this info, simply type the new values into the text box for the corresponding profile trait. Click Update Profile when you are finished



## 

## Logout

* By clicking on the Logout button, you will logged out of the OMTS website, and redirected back to the Login page

# Appendix

## [1.1] Dashboard & purchasing tickets

**1. Query**: select MovieTitle from theatercomplex\_movie\_showing where startdate <= Current\_Date and EndDate > CURRENT\_DATE GROUP BY MovieTitle

| [**MovieTitle**](http://192.168.64.2/phpmyadmin/tbl_sql.php?db=MovieTix&table=theatercomplex_movie_showing&token=fe15b9bc03c471140823e928cc6be038#usesubform[2]=1) |  |
| --- | --- |
| [Black Panther](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Black+Panther%27&token=fe15b9bc03c471140823e928cc6be038) |  |
| [Get Out](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Get+Out%27&token=fe15b9bc03c471140823e928cc6be038) |  |
| [Star Wars A New Hope](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Star+Wars+A+New+Hope%27&token=fe15b9bc03c471140823e928cc6be038) |  |

**Result:**

**2. Query:** Select \* from movie where Title = '$movieTitle'

**Result:** where $movie = Black Panther

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| [Title](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[2]=1) | [RunningTime](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[3]=1) | [Rating](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[4]=1) | [Director](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[5]=1) | [ProductionCompany](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[6]=1) | [SupplierName](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[7]=1) | [PlotSynopsis](http://192.168.64.2/phpmyadmin/tbl_row_action.php#usesubform[8]=1) |
| Black Panther | 180 | PG | Ryan Coogler | Disney | Universal | Superhero guy does things. |

**3. Query:** SELECT StartTime, T.TheaterComplexName, ShowingID FROM showing INNER JOIN( select ShowingID, TheaterComplexName, MovieTitle from theatercomplex\_movie\_showing WHERE MovieTitle = '$movieTitle' ) AS T WHERE showing.ID = T.ShowingID and StartTime > CURRENT\_DATE

**Result:** where $movie = Black Panther

Top of Form

Bottom of Form

|  |  |  |  |
| --- | --- | --- | --- |
| [StartTime](http://192.168.64.2/phpmyadmin/tbl_sql.php?db=MovieTix&table=movie&token=fe15b9bc03c471140823e928cc6be038#usesubform[2]=1) | [TheaterComplexName](http://192.168.64.2/phpmyadmin/tbl_sql.php?db=MovieTix&table=movie&token=fe15b9bc03c471140823e928cc6be038#usesubform[3]=1) | [ShowingID](http://192.168.64.2/phpmyadmin/tbl_sql.php?db=MovieTix&table=movie&token=fe15b9bc03c471140823e928cc6be038#usesubform[4]=1) |  |
| 2018-04-06 15:30:00 | Cineplex | 1 |  |
| 2018-04-04 19:00:00 | Cineplex | 2 |  |

**4. Query:** Select Movietitle, Starttime from theatercomplex\_movie\_showing inner join showing where showing.id = theatercomplex\_movie\_showing.showingid and showing.id = $showing

**Result:** where $showing = 1

Top of Form

Bottom of Form

|  |  |  |
| --- | --- | --- |
| Movietitle | Starttime |  |
| Black Panther | 2018-04-06 15:30:00 |  |

**5. Query:** Select numseatsavailable from showing where id = $showing

**Result:** where $showing = 1

Top of Form

Bottom of Form

| **numseatsavailable** |  |
| --- | --- |
| 9 |  |

**6. Insert:** insert into reservations (numtixreserved, username, showingid) values ('$number', '$username', '$showing')

where $number = number of tickets purchased, $username = current user, $showing = id of purchased showing

**7. Update:** UPDATE showing SET NumSeatsAvailable= NumSeatsAvailable - $number WHERE ID = '$showing'

where $number = number of tickets purchased, $showing = id of purchased showing

**8. Query:** SELECT username, admin, fname from customer where username = '$name' and password = '$password'

**Result:** where $user = user and $password = pass

Top of Form

Bottom of Form

|  |  |  |  |
| --- | --- | --- | --- |
| username | admin | fname |  |
| user | 1 | pat |  |

## [1.2] Viewing History

**1.Query:** SELECT MovieTitle, RunningTime, Rating, Director, ProductionCompany, StartTime, TheaterComplexName, ShowingID FROM theatercomplex\_movie\_showing INNER JOIN( SELECT Username, ShowingID AS SID FROMreservations WHERE Username = '$user' ) AS T INNER JOIN( SELECT StartTime, ID FROM showing WHERE StartTime < CURRENT\_DATE ) AS Q INNER JOIN( Select \* from movie ) as R WHERE Q.ID = T.SID and Q.ID =theatercomplex\_movie\_showing.ShowingID and R.Title = theatercomplex\_movie\_showing.MovieTitle

**Result:** where $user = user

Top of Form

Bottom of Form

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MovieTitle | RunningTime | Rating | Director | ProductionCompany | StartTime | TheaterComplexName | ShowingID |  |
| [Get Out](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Get+Out%27&token=fe15b9bc03c471140823e928cc6be038) | 150 | 14A | Jordan Peele | Fox | 2018-03-25 14:00:00 | [Cineplex](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=showing&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60showing%60+WHERE+%60ComplexName%60+%3D+%27Cineplex%27&token=fe15b9bc03c471140823e928cc6be038) | [3](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=showing&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60showing%60+WHERE+%60ID%60+%3D+3&token=fe15b9bc03c471140823e928cc6be038) |  |

**2. Query:** SELECT Text, Score, ReviewerMovieTitle, ReviewerName FROM reviews WHERE ReviewerName = $user and ReviewerMovieTitle = '$title'

**Result:** where $user = user and $title = Black Panther

Top of Form

Bottom of Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Text | Score | ReviewerMovieTitle | ReviewerName |  |
| Really great movie! | 5 | [Black Panther](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Black+Panther%27&token=fe15b9bc03c471140823e928cc6be038) | [user](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=customer&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60customer%60+WHERE+%60Username%60+%3D+%27user%27&token=fe15b9bc03c471140823e928cc6be038) |  |

**3. Insert:** INSERT into reviews (text, score, ReviewerMovieTitle, ReviewerName) VALUES ('$review', '$rating', '$movie', '$name')

Where $review = user’s written review, $rating = score from 0-5, $movie = title of movie, and $name = username of current user

## [1.3] Current Purchases

**1. Query:** SELECT MovieTitle, RunningTime, Rating, Director, ProductionCompany, StartTime, TheaterComplexName, ShowingID, NumTixReserved FROM theatercomplex\_movie\_showing INNER JOIN( SELECT Username,NumTixReserved, ShowingID AS SID FROM reservations WHERE Username = '$user' ) AS T INNER JOIN( SELECT StartTime, ID FROM showing WHERE StartTime > CURRENT\_DATE ) AS Q INNER JOIN( Select \* frommovie ) as R WHERE Q.ID = T.SID and Q.ID = theatercomplex\_movie\_showing.ShowingID and R.Title = theatercomplex\_movie\_showing.MovieTitle

**Result:** where $user = user

Top of Form

Bottom of Form

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MovieTitle | RunningTime | Rating | Director | ProductionCompany | StartTime | TheaterComplexName | ShowingID | NumTixReserved |
| [Black Panther](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=movie&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60movie%60+WHERE+%60Title%60+%3D+%27Black+Panther%27&token=fe15b9bc03c471140823e928cc6be038) | 180 | PG | Ryan Coogler | Disney | 2018-04-06 15:30:00 | [Cineplex](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=showing&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60showing%60+WHERE+%60ComplexName%60+%3D+%27Cineplex%27&token=fe15b9bc03c471140823e928cc6be038) | [1](http://192.168.64.2/phpmyadmin/sql.php?db=MovieTix&table=showing&pos=0&sql_query=SELECT+%2A+FROM+%60MovieTix%60.%60showing%60+WHERE+%60ID%60+%3D+1&token=fe15b9bc03c471140823e928cc6be038) | 4 |

## [1.4] Profile

**1. Query:** Select \* from customer where username = '$user'

**Result:**

Top of Form

Bottom of Form

Top of Form

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Fname | Lname | Street | City | PostalCode | Username | Password |
| pat | gib | streetC | city | 348975 | user | pass |

Bottom of Form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PhoneNumber | Email | CCnum | CCexpiryMonth | CCexpiryYear | admin |
| *6138488484* | *pgibs@se.ca* | 0 | 0 | 0 | 1 |

**2. Update:** update customer set fname='$fname', lname='$lname', street='$street', city='$city', postalcode='$postal', password='$password'

, phonenumber='$number', email='$email', ccnum='$ccnum', ccexpirymonth='$month', ccexpiryyear='$year' where username='$username'

where values are from user changing their profile information

Assumptions

* New admin account can not be created by customers
* Admin entering movies will manually ensure theaters only have one showing at a time
* All user input is valid (no input checking)
* User does not make more than one reservation for a showing
* User only writes max one review per movie