**CSCI 4050/6050 [ CRN: 33828 ]**

**Software Engineering**

**Cinema E-Booking System**

**Deliverable 1: User Stories Document**

09 / 03 / 2018

Team 9 A

**Team Members**

Sunjun Park 810370066

Eric Cho 811391097

Richard Red 811634716

Amogh Phadke 811580824

**User Stories: Administrator**

**Content ADMIN100**

As an administrator, I can add movie information so that the website is filled with movies available for viewing with the correct information.

**Acceptance Criterion:**

**Given** the movie information is available for a movie,

the movie information has not been entered in the database,

the movie is available at the movie theater to be shown.

**When** the movie information is added for a certain movie,

**Then** the movie information will be stored in the database.

**Content ADMIN101**

As an administrator, I can edit movie information so that I can ensure the correct information is available for customers.

**Acceptance Criterion:**

**Given** information about the movie has been entered in the database,

Information about the movie needs to be modified.

**When** the movie information needs to be updated

**Then** the movie information will show the updated information on the website

and database for the customers.

**Content ADMIN102**

As an administrator, I can delete movie information so that I can remove movies that are not required to be listed.

**Acceptance Criterion:**

**Given** the movie information has been entered in the database.

**When** the movie information does not need to be stored in the database

**Then** the movie information should not be able to be stored in the database,

the movie should not be able to be viewed on the website.

**Ticketing ADMIN103**

As an administrator, I can adjust ticket prices so that I can control the pricing of tickets for the movie theater.

**Acceptance Criterion:**

**Given** the prices of the tickets available for purchase has been established

**When** the prices need to be adjusted

**Then** the prices of the tickets for the movies will be updated.

**Ticketing ADMIN104**

As an administrator, I can adjust ticket types so that the movie can provide different ticket types at different prices based on age.

**Acceptance Criterion:**

**Given** the categories of ticket types has been established with different prices

**When** the categories need to be adjusted,

the category ranges need to be adjusted,

**Then** the price categories will be updated.

**Account ADMIN105**

As an administrator, I can add employees so that the employees may access records.

**Acceptance Criterion:**

**Given** the employee has a registered account,

**When** the account needs employee privileges,

**Then** the employee will be added by an administrator.

**Account ADMIN106**

As an administrator, I can update employees so that the employee accounts are up to date with current employees.

**Acceptance Criterion:**

**Given** the employee has a registered employee account.

**When** the employee needs their account to be updated,

**Then** the employee account will be updated by an administrator.

**Account ADMIN107**

As an administrator, I can suspend and remove employees so that employees not employed by the theater do not have access

**Acceptance Criterion:**

**Given** the employee has a registered employee account

**When** the employee needs their account to be removed,

**Then** the employee account will be removed by an administrator,

their account will no longer be stored on the database.

**Account ADMIN108**

As an administrator, I can update member accounts, so that the member accounts are up to date.

**Acceptance Criterion:**

**Given** the member has a registered account.

**When** the member account needs to be modified,

**Then** the member account will be changed by an administrator.

**Account ADMIN109**

As an administrator, I can suspend and remove member accounts, so discontinued members do not have access to purchasing tickets.

**Acceptance Criterion:**

**Given** the member has a registered account,

**When** the member account needs to be suspended / removed,

**Then** the member account will be removed from the database.

**Content ADMIN110**

As an administrator, I can add promotions so that members with subscriptions will be rewarded.

**Acceptance Criterion:**

**Given** there are promotions to be updated,

**When** promotion events, such as holidays, occur,

**Then** administrators can add and edit promotions, which can be sent to subscribed

users.

**Content ADMIN111**

As an administrator, I can remove promotions, so all users cannot have access to discounts.

**Acceptance Criterion:**

**Given** there is a promotion to be removed,

**When** the time period of a promotion ends,

**Then** promotion details are removed from the database by an administrator.

**Administrators have access to all Moderator (Employee) User Stories.**

**User Stories: Moderator (Employee)**

**Report EMP100**

As an employee, I can get sale reports so that I can have the information available for meetings.

**Acceptance Criterion:**

**Given** that there has been sales made,

that the database has kept track of sales

**When** the user requests a sales report to be compiled.

**Then** the sales report will be

**Report EMP101**

As an employee, I can get show reports so that I can see how well a movie is selling tickets.

**Acceptance Criterion:**

**Given** that the tickets have been purchased for a movie

**When** the employee requests the information.

**Then** a report will be provided for the employee about the sales report for the movie.

**Report EMP102**

As an employee, I can get a list of movies available so that the information is easily viewed as a report and see the full directory of movies available.

**Acceptance Criterion:**

**Given** that the database has information about movies.

**When** the employee requests the information.

**Then** a report will be provided with a list of movies available.

**Report EMP103**

As an employee, I can get a report of movie auditoriums so that I can see available seats.

**Acceptance Criterion:**

**Given** that the database has information about the auditoriums and available seats

**When** the employee requests the information be compiled.

**Then** a report will be created that lists available seats for auditoriums.

**Moderators(Employees) have access to all User (With Account) User Stories.**

**User Stories: User (With Account)**

**Content USER100**

As a user, I can search for movies based on preferences (showtimes, genres) so I can receive information about movies.

**Acceptance Criterion:**

**Given** that it is any registered or unregistered user,

**When** the user searches for movies by title, showtime, or category,

**Then** the results are displayed according to the filters applied.

**Account USER101**

As a user, I can create an account with email verification so I can make sure the account is secured and unique.

**Acceptance Criterion:**

**Given** that the user has a valid email address,

**When** the user requests to make a personal account,

**Then** all his information is stored and a verification email is sent to his email account.

**Account USER102**

As a user, I can sign in with an email/password so I can have access to features only available for members, such as saved payment types, purchase history, profiles, and rewards.

**Acceptance Criterion:**

**Given** that the email and password to the account are valid,

**When** the user requests to sign in with valid information,

**Then** the user is logged in and able to purchase tickets to his name.

**Content USER103**

As a user, I can select a movie (show info, date, time, seats) so that I have different options available that best suits my needs.

**Acceptance Criterion:**

**Given** that any user is on the selection menu,

**When** the user clicks on one of the available movies,

**Then** he is able to view all the available information about that movie.

**Account USER104**

As a user, I can reset my password so that I may access my account again when the password is forgotten or needs to be changed.

**Acceptance Criterion:**

**Given** that the user is registered and not logged in,

**When** the user forgets his password,

**Then** an email will be sent with a password reset link.

**Account USER105**

As a user, I can change my password so that I may have updated account security.

**Acceptance Criterion:**

**Given** that the user is registered and logged in,

that the user password is known,

that the user has access to his email.

**When** the user requests to change his password,

**Then** he will receive an email to reset the password and the account will be updated.

**Ticketing USER106**

As a user, I can pay for movie tickets(price varies with age) so that I can view the movie at the specified time

**Acceptance Criterion:**

**Given** that the user is registered and logged in,

that the user provided valid payment option.

**When** the user searches for movies and chooses the buy tickets,

**Then** the user will be see different prices based on his age and he will be able to

securely pay for the tickets.

**Ticketing USER107**

As a user, I can use promotion codes during checkout so that the total price is lowered.

**Acceptance Criterion:**

**Given** that the user is about to purchase a ticket and has a valid code,

**When** the user enters the code,

**Then** the promotion amount will be deducted from the price.

**Content USER108**

As a user, I can subscribe/unsubscribe to email promotions and offers so I can choose to receive more emails or no emails about offers.

**Acceptance Criterion:**

**Given** that the user has a registered account connected to an email,

**When** the user requests to subscribe or unsubscribe to a promotion list,

**Then** his name will be added or removed from the promotion list database.

**Account USER109**

As a user, I can modify my profile so I can update information, such as payment information, age, email, and other personal information.

**Acceptance Criterion:**

**Given** that the user is registered and logged in,

**When** the user requests to change his profile information,

**Then** the new information will be updated into the databases.

**Ticketing USER110**

As a user, I can view order history so I can see what movies I have seen in the past.

**Acceptance Criterion:**

**Given** that the user is registered and logged in,

that the user has purchased tickets before.

**When** the user clicks to view his order history,

**Then** a request is sent to the database to show the previous orders made by the user.

**Ticketing USER111**

As a user, I can return tickets (up to an hour before the movie) so I can get my money back and have the seats available for others.

**Acceptance Criterion:**

**Given** that the user is logged in and that the user has purchased movie tickets

**When** the user requests a cancellation/refund request for purchased movie tickets.

**Then** the tickets will be removed from the account and the user will receive a refund.

**Users (With Account) has access to all Web User (Without Account) User Stories.**

**User Stories: Web User (Without Account)**

**Content WEB100**

As a web user, I can search for specific movies so I can confirm they are available at the movie theater

**Acceptance Criterion:**

**Given** that information about the movie is known

**When** searching up for the movie by valid show date, title and/or category.

**Then** the website should display movie posters related to the requested search.

**Content WEB101**

As a web user, I can search for specific movie times so that I can view what movies are available during those showtimes.

**Acceptance Criterion:**

**Given** that a time is selected

**When** a valid showtime and or category is selected

**Then** a list of movies should appear that have matching showtimes as requested.

**Content WEB102**

As a web user, I can click on a movie poster so that I can be directed to a page containing more information about the film.

**Acceptance Criterion:**

**Given** that the movie poster is a clickable link,

that there is information available for the movie,

there is a page created to display the movie information

**When** the link associated with the movie is clicked.

**Then** the user is directed to a new page where the information will be displayed with a

summary about the film, movie information, and future showtimes for the movie.

**Ticketing WEB103**

As a web user, I can add tickets into my cart so that I can keep track of my potential purchases

**Acceptance Criterion:**

**Given** that the user selected a number of tickets to purchase for a specific movie at a

specific time.

**When** the web user clicks on the add to cart button.

**Then** the web user should see an updated cart with the selected tickets.

**Account WEB104**

As a web user, I can create a new account so that I may purchase movie tickets.

**Acceptance Criterion:**

**Given** that the web user does not already have an account,

the email used to register does not already exist in the database.

**When** the web user opts to register a new account with valid email and password and a preference for

subscription emails.

**Then** the information provided by the web user will be saved with set login credentials

so they can access more features, such as ticket history, saved payment types,

etc.

**Ticketing WEB105**

As a web user, I can modify my cart so that I may add or remove movie tickets.

**Acceptance Criterion:**

**Given** the cart has been filled with movie tickets.

**When** the web user requests to add or remove carts.

**Then** the cart will be updated to show the most recent changes.

**GRADING ISSUES:**

**Resolved:**

**incomplete acceptance criterion for (web104) must specify the mandatory fields and the optional fields**

**Incomplete acceptance criterion for (user100, web100,web101) search movies should be done by search by category, title and show date.**

**Need to fix:**

**Missing user story for browsing movies by now playing and coming soon**

**Missing user story for booking facility**

**Missing user story for confirmation**