**Part(d):Requirements - ideas**

**Functional**

**Must Have:**

* Be able to purchase a movie ticket online/financial transactions
  + The ability to purchase a movie ticket online is the main function of the website
* Print movie ticket/Receive electronic ticket
  + Must provide user a way of entering the movie they wish to see
* Check status of movie
  + To prevent users from purchasing tickets to movies that are sold out
* Show the user admission prices
  + Provide the user with information about the price of the movie
* Show the user showtimes
  + To allow the user to choose a movie based on their schedule
* Show the user different cinemas
  + To allow the user to see all the theatres in their area, so they can choose the theatre closest to them

**Should Have:**

* Pick your movie seat and see which ones are taken
  + Allows users to sit together with friends or family, and book seats accordingly
* Login in to save credit card info
  + Will make future purchases faster and easier
* Food vouchers
  + Our data shows that the majority of users purchase food in theatres, this allows people to save time by not having to pay for food at the theatre

**Could Have:**

* Use points card/see how many points are on your card
  + Gives the user incentive to attend more movies and reward those who see a lot of movies
* Check the deals for the day/Food Combos
  + Provides the user with convenience of checking the food combos from home
* Movie trailers
  + Allows the user to decide what movie they want to purchase a ticket for
* Prize draw
  + Incentive to use the website more often

**Data**

**Must have:**

* System must have access to showtimes
  + To inform the users about show times so they can schedule accordingly

**Should Have:**

* Storing credit card information/user information
  + To allow the user to have a more streamlined experience, rather than entering their credit card information every time they purchase a movie ticket
* System must have access to food prices/admission prices
  + Storing information about food and admission prices allows the users to know how much money they will be spending before going through the process of purchasing a ticket
* System must have access to the status of a movie
  + Being able to view the seat limit from the website can accommodate large groups or families who plan to see a specific movie

**Could Have:**

* System must access a database of points cards and how many points are on each unique cards
  + Need to store points cards data to allow the users to redeem their points right on the website, for example when they’re purchasing a movie or a food voucher
* Store past history of movies users have purchased tickets for
  + Could allow the user to receive updates about movies that are coming soon in which they might be interested in seeing, based off of their past history

**Environmental requirements**

**Must have:**

* Users might need to use the system in a rush
  + To allow the user buy ticket on the way, avoid come late without ticket.

**Should Have:**

* Users might want to purchase tickets in groups
  + To allow the user book the tickets by group, and then they will get a link to pay the bill by separate.

**Could Have:**

* Users might be purchasing tickets at a restaurant
  + When we have dinner in restaurant, the user will want have some entertainment after finished the dinner, and the menu provide movie ticket to sell.

**User**

* Majority of users will be 18-29
  + The data we collected has shown that the vast majority of users will be between the ages of 18-29.
* Novice/casual users
  + Users of the website will not be experts, they will just want a simple and easy way to purchase tickets. Most of the users will only be casual users since our data showed that only 39% go to the theater more than once a month.
* Mainly english speaking users
  + Since we will be based in Canada, most of our user base will be english speakers.

**Usability**

* Safety
  + The website must ensure that all users’ credit card information are safely stored.
* Learnable
  + The website must be easy to grasp, allowing the user to learn its intended features in a short amount of time
* Efficient
  + The website has to allow the user to make purchases using the least amount of time. This means taking very few steps to accomplish its intended functions.
* Memorability
  + The main functions of the website must be easy to remember, since most users would only use it less than once a month.