CIS213 – Term Project

Problem: Create a website for an *original* *movie rental* company that includes at least three main pages:

- Homepage
- Movies
- Registration/Billing

The project is divided into three parts:

- XHTML (30pts)
- JavaScript (50pts)
- User Interface/Usability (20pts)

Part 1 - XHTML (30pts)

Web page requirements are listed under each section.   See below:

- Approved Wireframe (Wireframe for each page and indicate target audience) *– see due date in Moodle*
- Homepage
    - *Save homepage as index.htm*
    - Movie images
    - Specials with call to actions (featured offers)
    - Contact info
- Movies
    - Three categories of movies with 4 movies in each category on the page.
    - Thumbnails for the movies should be small, but large enough to see movie detail.
- Registration/Billing
    - Form with fields to rent a movie for a specified period of time.
    - Areas for Billing and Shipping:
        - First Name
        - Last Name
        - Address fields
        - Phone
        - Credit Card fields
        - Rental time/length
        - Comments
        - Term of use confirmation
    - All form fields are required except the comments text area.
- Validate pages
    - Use XHTML 1.0 Transitional DTD (include validation icon on homepage)

Part 2 – JavaScript (50pts)

JavaScript requirements are listed under each section. See below:

- Homepage
  - Use setInterval() to create an image animation on the homepage (at least 4 images)
  - Rollovers for hyperlinks (using JS not CSS)
- Movies
  - Rollovers for all 12 images with an alternate view of movie or movie scene. User should also be able to click on the image to go to a more information page that will open in a new window using JS method
    - More information page should include:
      - Video of the movie
      - Reserve a movie link(s) with price
      - Description
      - Movie rating
      - Related movie thumbnails
      - etc.
- Registration/Billing
  - Validation for required form elements.
  - Direct customer to a thank you page once form is submitted

Part 3 - User Interface/Usability (20pts)

The website design should be for your target audience using the same type of design that is being used in the movie rental industry.

The design should be *consistent* in **color**, **typography**, and **layout**. The website should be **user friendly** and **easy to use**.

*Be **professional**, but creative. See redbox.com and other movie rental industry websites for ideas. Your movie industry name and logo must be original.

Submit via Project_Submission by 9:00am last day of class.