1   Group Members

- Sanjana Puri

- Bob Ranalli

- Camille Andersen

- Amy Bui

2   Link Midterm

URL: https://atrinh1996.github.io/Midterm/index.html

Repo: https://github.com/atrinh1996/Midterm

3   Discussion

3.1   Purpose and Target Demo

This website is for a noir film, dine-in theater (much like Chunkies). The site will display current featured films, and users can easily navigate the site to purchase their tickets, shop gift certificates/cards, or submit an inquiry all online! And like many businesses during the pandemic, we directly address any concerns regarding health and social distancing with a covid protocol specific page. Anybody can come and enjoy a featured film at the Mystery Château: adults, seniors, families, and friend! Join the fun and come dressed to impress.

This website helps the business because most need an online presence to operate in this current market. It makes the theater more accessible by providing information on the movies, attractions, easy online ticket bookings, and sales offerings such as gift certificates.

3.2   Call to action

"We aren't your average movie theater. Purchase Tickets Now!"

3.3   Design Considerations

We wanted an upscale, movie theater themed design, so we chose a red-black color scheme, with a cursive "M" logo. The font was set to courier like a typewriter to give the effect of reading from a screenplay. For consitency, we had each page have the same navbar in the heading and footer in the bottom. Styles for these remain consistent also on mobile.

3.4 The Pages

3.4.1 Accessible from navbar:

`index.html`: The homepage. Contains "About US" section, Now Playing (slideshow) movies, Coming Soon (horizontal and vertical (mobile) scroll) movies, and links to tickets purchasing page (button).

`movies.html`: correspond to the movies tabs of The Mystery Chateau website, buttons link to tickets page, allows for form to be partially filled on click.

`tickets.html`: correspond to tickets tabs of The Mystery Chateau website

`events.html`: A 2 column page (which turns to a single column when the screen is too thin). The left hand column is for event scheduling and has a form section. The right hand column links to the contact page with an interactive button. This page is bounded by the nav bar, banner, and footer.

`menu.html`: Background image with "our menu" displayed, and an arrow pointing downwards with smooth scrolling once clicked (or manually scroll). The menu is broken into 5 sections, the first 4 sections have 3 options to choose from, then there is the "3 act special" section.This page is bounded by the nav bar and footer.

`covid.html`: Information about covid safety precautions and rules found on this page.

`contact.html`: Contact form to file a complaint, praise, or suggestion. User can choose type of comment, enter their first and last name, choose the department they are commenting on, and type their message. After clicking the submit button it redirects to submitted.html which displays a message. Clears input on refresh.

`shop.html`: Shop gift certificates/cards page. Add gift cards to cart, update cart on "add to Cart", gives option to choose cards by design and by value, clears on refresh, and "checkout" button (goes to `cart.html` by convention).

3.4.2 Others (accessible from the above pages):

`attribution`: bibliography for those images that we used that were not under Creative Commons licensing.

`cart.html`: Review cart page, reached from shopping page: edit quantity, updates totals on change in quantity, Things like total cost of each item and subtotals fields are not edittable by user, disables form on empty cart (displays "empty cart" message), disables form with current input **in place** on valid submit (page turns into "receipt"), usual form validation (last name, street address, city, phone).

`stub.html`: file is associated with a pop-up ticket when "Buy Tickets" is clicked on the tickets tab.

`submitted.html`: Displays a message thanking the user for their submission to the contact page. This page can only be reached by clicking submit on the contact form (in contact.html).

`thanks.html`:Reached from the room reservation page once a form is submitted. This page is bounded by the nav bar, banner, and footer.

`orderconfirm.html`: Page thats displayed on a valid submit from cart.

3.5 Notes/Bugs

- FYI, social media links don't go to those social sites. They go to the current page. In real life, they'd go to the business' socials.

- `contact.html`: User able to submit with blank form.

- `events.html`: In mobile view: 1) extra space to the right, perhaps an overflow issue, 2) names of tabs don't display when hamburger menu is clicked, perhaps a z-indexing issue.

- `cart.html`: In mobile view, "preview" of card design become circles, rather than rectangular "card" shape. This is a style choice. We can change it (border-radius) if it looks offensive.

- `menu.html`: down-scroll arrow appears above navbar.

- `index.html`: dot buttons on slideshow - fading process is not interupted (likely desired outcome) by changing picture in middle of slideshow. The piture will change, but the time for fading in and out is retained from original slide show. Doesn't look like the smoothest implementation when you click a dot right before current picture fades out. New picture will show but continue to fade out where the last picture left off and then go to the next (Correct) picture.

- `index.html`: right scroll arrow (new movie section) will loop back to beginning when the end is reached. In lines 136, this only worked when scroll position is compared to a *fixed* number rather than a number position that we could calculate from `scrollWidth` and a `clientWidth`.

4   CheckList

Item	In Midterm
7 pages	see `page` list.
One external style sheet	see `css/` directory.
One internal style sheet	see `contact.html`, `covid.html`, `events.html`, `menu.html`, `movies.html`, `submitted.html`, `thanks.html` and `tickets.html`.
Fixed page elements	`navbar`, `showcase/banner`, and `footer` in each `.html` page (written in by functions in `default.js`)
consistent look and feel across all pages	subjective
Incorporate `javascript` and `jQuery`	see `js/` directory, and `<script> ... </script>` tags in: `index.html`, `movies.html`, `shop.html`, `stub.html`, and `tickets.html`.
`jQuery` special effect	`index.html` (fading slideshow, scroll arrows), `menu.html` (scroll arrow)
Form with validation	`shop.html` & `cart.html`, `tickets.html`
Include two of `javascript` array, object, function	`default.js`, `shop.js` & `cart.js` use functions, the last two use array of array of numbers, `tickets.html` uses array of numbers. `<script> ... </script>` tags in various pages: `index.html`, `movies.html`, `tickets.html`(functions), and `tickets.html` (`TicketType` Object)
Images (at least one background)	see page banners (image link lives in `default.css`, image name: `dark_hall2.jpg`)
`meta` keywords	see `contact.html`, `covid.html`, `events.html`, `index.html`, `menu.html`, `movies.html`, `shop.html`, `tickets.html`
15 CSS rules	see `css/` directory, and internal stylesheets in the `.html`'s listed above.
`h1` on each page, and uses `h2` for subheadings	the html written for the showcase in `default.js` puts heading in an `h1`
One page with multiple columns	`cart.html` (2 columns on desktop), `events.html` (2 columns on desktop)
Mobile friendly	1) google site test, 2) look at it on our phones
works online	click on the link above
No broken Links	checked during consistency meeting
No lorum ipsum content	wouldn't dream of it.

5 Code Showcase

Cool code snippet from: `menu.html`, lines `13 - 32`. Why this: This is the code that made a clickable scrolling arrow button and we thought it was a cool jQuery feature. It is a link that, on click, scrolls in 800 miliseconds down from current page location to a specified div. Author: Bob.

```
1   <script>
2     $(document).ready(function(){
3       // Add smooth scrolling to all links
4       $("a").on('click', function(event) {
5         // Store hash
6         var hash = this.hash;
7
8         // Using jQuery's animate() method to add smooth page scroll
9         // 800 milliseconds to scroll
10        $('html, body').animate({
11          scrollTop: $(hash).offset().top
12
13        }, 800, function(){
14
15          // Add hash (#) to URL when done scrolling (default click behavior)
16          window.location.hash = hash;
17        });
18      });
19    });
20  </script>
```

6 Division of Labor + Other Roles

- Sanjana Puri

  1. Hamburger Menu and styling (in `default`.css)
  2. `stub.html` + `stub.css`
  3. `movies.html`
  4. `attributions`
  5. `tickets.html` + `ticketstyles.css`
  6. Powerpoint

- Bob Ranalli

  1. `menu.html` + `styles.css`
  2. `events.html` + `styles.css`
  3. `thanks.html`

- Camille Andersen

  1. The "M" logo, as `.png`
  2. `contact.html`
  3. `covid.html`
  4. `submitted.html`

- Amy Bui

  1. `index.html` + `homepage.css`
  2. `shop.html` + `shop.css` + `shop.js`
  3. `cart.html` + `cart.css` + `cart.js`
  4. `orderconfirm.html`
  5. `template`.html + `default`.css + `default`.js

7 Additional Resources Used (besides class resources)

- Making div into scroller: https://1stwebdesigner.com/create-a-carousel-using-css-scroll-snap-and-javascript/

- More on JS and slideshow: https://www.w3schools.com/howto/howto_js_slideshow.asp

- Additional attributions for images: https://atrinh1996.github.io/Midterm/attribution.html