

Jakub

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Final Website Plan Paper: Splatter Head

## Introduction: Changes Since Original Plan

The Splatter Head website was created as a digital companion to my Claymation Video Final for my Fall 2024 Editing class. The original website Site Map and Proposal Paper aimed to showcase Splatter Head, provide behind the scenes content, and engage visitors with interactive elements like a Contest.

Throughout the semester as I worked on this Website and Splatter Head, several changes were made compared to the original concepts:

- **Theme and Aesthetics:** The "cheesy 90s old school website" feel, inspired by 90s magazines and my Splatter Head Magazine Cover (created for an "Intro to Adobe" class final), became a more defined design goal. This influenced color choices and the overall tone.
- **Navigation & Layout Complexity:** The desire to replicate elements from the magazine cover, like the top left yellow contest triangle and the "sticky" navigation bar, added complexity. Achieving the precise layout for the triangle and making sure it didn't break on different screen sizes was quite the challenge that required more CSS testing than initially planned.
- **Interactive Content:**
  - **Galleries:** The behind the scenes gallery evolved from a simple image display to a masonry style layout with randomized image order on refresh, using JavaScript. The storyboard page also incorporated a PDF viewer for a better scrolling experience.
  - **Image Lightbox:** The "Featherlight" JavaScript library was implemented to allow users to click and enlarge images, a feature that was added to enhance user experience, especially for detailed images like storyboards and behind the scenes shots.
  - **Accordion Menus:** The FAQ and "Extra" page requirements sections utilize JavaScript toggle buttons for a cleaner, more organized presentation of information.
- **Multimedia Hosting:** The strategy to host most images on Imgur to save space and improve loading times was included as I worked on the website. However, for images requiring transparency (PNGs), local hosting within the `images` folder was necessary as Imgur sometimes converts PNGs in a way that removes transparency when embedded.
- **Video Embedding:** The original plan to use YouTube embeds for all videos, including the main Splatter Head video featured on the Home Page, had to be revised. Due to YouTube's restrictions on embedding videos with copyrighted music, the main video is

hosted locally in the **extra** folder. A fallback link to an updatable YouTube URL is provided for the latest version. Other non copyright flagged YouTube videos (like behind the scenes clips) are still embedded.

- **Armature Guide Article:** The "How to Make Your Own Armature Guide" page was going to also follow a text and image layout similar to the "From Clay to Screen: The Stop Motion Animation Process Uncovered" page layout but I didn't like how it turned out. Due to difficulties trying to get my new vision to work natively within the website, a workaround was implemented where the step by step instructions were designed as transparent PNG images instead and then embedded into the website.
- **"Explore More" Zombie Section:** The concept of the zombie with a thought bubble at the bottom of the "About" page was also a new addition. Achieving the precise positioning of this element was challenging as I couldn't get the Zombie image to be positioned in the bottom right corner without large gaps from the edge.
- **"Extra" Page for Teacher:** This page was specifically created as one of the Website Development Final Project Requirements as described in the "Final Project Requirements PDF" to receive full points.

The core structure (Home, About, Behind the Scenes, Contest, Contact) remained consistent with my original plans, but the depth, interactivity, and presentation methods for the content within these pages evolved quite a bit.

## 1. Color and Theme Choices

- **Why did you choose the colors and theme for your web site?**

The color scheme and theme for the Splatter Head website were specifically chosen to reflect and extend the aesthetic of the "Splatter Head" Claymation video and its "real" promotional materials, mainly the mock magazine cover I created for my Intro the Adobe class.

- **Colors:**

- **Orange and Pink:** These are dominant colors in the Splatter Head logo and the magazine cover. Orange (**#f35628**) is used for the main navigation banner, creating a bold, attention grabbing element. Pink (specifically **#faa1ff**) is used for headings (**h1**, **h2**, **h3**) and accents, tying directly into the logo's "brain" color palette.
- **Yellow:** The bright yellow triangle in the top left corner (for the contest "call to action") is a direct visual cue from the magazine cover design. Yellow is also used for emphasis (**#ffcc66**) in the "Terms and Conditions" section on the Contest page.
- **Dark Background (**#1a1a1a**):** A dark, near black background provides a cinematic feel, fitting for a website about a film project. It also allows the brighter accent colors (pink, orange, yellow) and content (light text **#e0e0e0**, images) to stand out. The fixed background image is a

screenshot from the Splatter Head video itself, further immersing the user in the project's world and maintaining consistency.

- **Overall Dark, Gritty, but Cheesy Theme:** The combination of dark tones with vibrant colors contributes to a "cheesy," retro, and slightly gritty horror/action aesthetic, which aligns with the nature of the Splatter Head Claymation. The custom "**Friday Hype**" font for headings, and content style also add to this overall look.
- **Theme:**
  - **Direct Extension of the Project:** The website is not just *about* Splatter Head; it *is* Splatter Head in digital form. The theme is immersive, using visuals and a tone consistent with the Claymation.
  - **Personal and DIY Feel:** The "cheesy" nature is intentional, reflecting the handmade, independent spirit of a Claymation project created by a single person. This makes the site feel authentic and personal.
  - **Inspiration and Behind the Scenes Focus:** A core part of the theme is to inspire and inform. It's for fans of animation, creators, or anyone curious about the Stop Motion process. The detailed articles and galleries support this.

## 2. Navigation Structure

- **How did you develop the navigation structure for your site? Why do you feel that it is effective?**

The navigation structure was developed with clarity, consistency, and user experience in mind, drawing inspiration from common website patterns while incorporating unique elements.

- **Development:**
  - **Core Pages Identification:** Based on the project's needs, the main sections were identified: Home (Featured the Main Splatter Head Video), About (Creator/Project Info), Behind the Scenes (Making Of Content), Contest (Promote Engagement), and Contact (To Email Me Directly). An "**Extra**" page was later added specifically for course requirements. This formed the primary navigation.
  - **Visual Design - The Banner:** A bright orange banner (`<nav>`) was chosen for the main navigation links. This color provides high visibility against the dark theme.
  - **Sticky Navigation:** The navigation bar is styled with `position: sticky; top: 0; in styles.css`. This ensures that as the user scrolls down, the main navigation links remain accessible at the top of the viewport. This also creates a nice visual effect where the header/logo scrolls away, but the navigation stays.

- **Consistent Placement:** The main navigation appears in the same location on every page, directly below the header area.
- **Yellow Triangle Contest Link:** A persistent, visually distinct "corner ribbon" in the top left corner acts as a secondary, high priority navigation link directly to the "Contest" page. This unique element is designed to constantly draw attention to the interactive contest. The text on this triangle even changes contextually when on the contest page itself ("HURRY! ENTER THE CONTEST NOW...") and the "Extra" page ("THIS PAGE IS ONLY FOR THE WEBSITE DEV TEACHER").
- **Footer Link:** A link to the "Contact" page is included in the footer on every page when clicking my name.
- **"In Content" Links:** Throughout the site, links guide users to related content (From the "About" page to "Behind the Scenes" or "Contest," links to external movie/game/equipment/program resources, and links within articles).
- **Responsive Adaptation:** On smaller screens (`max-width: 768px`), the navigation list (`nav ul`) switches from a horizontal flex layout to `flex-direction: column`;, for mobile friendly navigation.
- **Effectiveness:**
  - **Clarity:** The main navigation labels are clear and concise (Home, About, etc.), making it easy for users to understand what each section contains.
  - **Accessibility:** The sticky navigation ensures that users don't have to scroll back to the top to move to another section, which benefits all users and is especially helpful for those with mobility impairments. Use of `aria-current="page"` helps screen reader users identify their location.
  - **Discoverability:** Key interactive elements like the "Contest" are highly discoverable due to the persistent yellow triangle.
  - **Consistency:** The navigation is consistent across all pages and articles, which helps users navigate through my website without hassle.
  - **Engagement:** The Contest triangle serves as a constant call to action, aiming to increase user engagement.
  - **Simplicity:** Despite some complex styling (like the triangle), the main navigation itself is straightforward.

### 3. Use of Multimedia

- **Did you effectively use multimedia? Why were the files included in your site?**

Yes, multimedia is used effectively throughout the Splatter Head website, playing a crucial role in showcasing the project, explaining processes, and enhancing the overall theme.

- **Video:**

- **Main Splatter Head Video ([index.html](#)):** This is the centerpiece of the website. It's hosted locally ([extra/SplatterHead.mp4](#)) due to YouTube embedding issues with copyrighted music. Its inclusion is essential as the website's primary purpose is to showcase this film. A link to a more up to date YouTube version is also provided underneath.
  - *Effectiveness:* Essential. The local hosting makes sure the video remains available, though the note about an updated version is a good workaround.
- **Embedded YouTube Clips ([gallery.html](#), [extra.html](#)):** Several shorter clips (behind the scenes footage, 3D model showcases, animation tests, the final website presentation video itself) are embedded from YouTube using `<iframe>`. These provide dynamic visual content for the gallery and the "Extra" page.
  - *Effectiveness:* Good for showing different longer recorded footage for Splatter Head.
- **Autoplaying Looping Videos/GIFs ([gallery.html](#)):** Many short video clips in the gallery are set to `autoplay loop muted`, behaving like GIFs.
  - *Effectiveness:* Makes the Gallery page feel alive. Being muted by default is also nice for visitors of the website.

- **Images:**

- **Background Image ([styles.css](#) - `body::before`):** A screenshot from the Splatter Head video is used as a fixed, semi transparent background for all pages.
  - *Effectiveness:* Establishes a consistent theme and visual identity.
- **Logo ([header](#) on all pages):** The Splatter Head logo (<https://i.imgur.com/H7HxBCW.png>) is prominently displayed.
  - *Effectiveness:* Crucial for branding.
- **Content Images (Throughout):** Numerous images are used across pages like "About" (Photo of Jakub, magazine cover), "Clay to Screen" (process images, inspiration posters), "Armature Guide" (instructional PNGs, tool photos), "Gallery" (many behind the scenes photos), and "Storyboard" (storyboard pages). Many images use `loading="lazy"` to improve performance.
  - *Effectiveness:* Vital for illustrating concepts, showing processes, personalizing the content, and providing visual interest. Hosting most on Imgur was a choice for performance. The locally hosted PNGs for the Armature Guide were a workaround for layout control and transparency.
- **Featherlight Implementation:** The use of Featherlight (triggered by `data-featherlight="image"`) to allow users to click and enlarge

images helps enhance images, especially for detailed content like storyboards and instructional images.

- *Effectiveness*: High, improves user experience.
- **Audio (Implicit via Video):**
  - **Splatter Head Video Audio**: The main video contains its own soundtrack, sound effects, and voice acting.
  - **YouTube Clips Audio**: Embedded YouTube videos may contain audio.
    - *Effectiveness*: Integral to the video content.
- **Fonts (`styles.css` - `@font-face`):**
  - **"Friday Hype" Custom Font**: Used for headings to reinforce the brand and theme (loaded from `/fonts/` folder).
    - *Effectiveness*: Contributes to the unique visual identity. Standard fallback fonts are also included for broader compatibility.
- **Why files were included:**
  - **Showcasing the Final Product**: The Main Splatter Head Video is the primary reason for the site.
  - **Illustrating Processes**: Images and short clips in "Behind the Scenes," "Clay to Screen," and "Armature Guide" are essential for explaining the creation of the Claymation.
  - **Branding and Theme**: The logo and background image establish the site's identity.
  - **Engagement and Personalization**: Photos of Jakub, the magazine cover, and inspiration images make the site more engaging and personal.
  - **Instruction and Information**: The PNGs in the Armature Guide and the storyboard images serve to inform.
  - **Dynamism**: The randomized masonry gallery with looping videos makes the gallery page more dynamic and interesting to visit more than once.
- The multimedia elements are central to the website's purpose and theme. The strategic choices for hosting and display (local vs. Imgur, Featherlight, masonry gallery) show consideration for both user experience and technical constraints.

#### 4. Audience Consideration

- **Did you build a site that matched your described audience? How did you meet their needs in terms of technical ability, reason for visiting the site, etc?**

Yes, the site appears to be built with a specific, broad, worldwide audience in mind, and would have met my needs had I been in their shoes.

- **Described Audience:**
  - Fans of Splatter Head / My Content: People who have seen Splatter Head and want to learn more.
  - Aspiring Animators/Filmmakers: Individuals interested in learning about Claymation, Stop Motion, and DIY filmmaking techniques.

- General Animation/Indie Film Enthusiasts: People who enjoy unique, creative projects.
- Friends/Family/Network: People who know me and are interested in my creative endeavors.
- (Implicit) Course Instructor: Needs to evaluate project requirements.
- **Meeting Their Needs:**
  - **Technical Ability:**
    - **Ease of Navigation:** The site uses a clear, sticky navigation menu, making it easy for users of varying technical abilities to find their way around.
    - **Standard Interactions:** Clicking links, viewing images, playing videos, and interacting with accordion menus are standard web interactions that most users will be familiar with.
    - **Responsive Design:** The site adapts to different screen sizes, which is crucial as users may access it from desktops, tablets, or mobile phones. The CSS includes media queries to adjust layout, font sizes, etc.
    - **Readability:** The primary text color (`#e0e0e0`) on a dark background (`#1a1a1a`) provides good contrast. Headings use a distinct color. Font choices (Helvetica Neue, Arial as fallbacks) are standard and readable.
    - **Loading Times:** Hosting most images on Imgur was a decision to improve loading performance. Lazy loading of images (`loading="lazy"`) is also implemented in several places, which helps.
  - **Reason for Visiting the Site:**
    - **To Watch Splatter Head:** The Home Page features Splatter Head right from the start.
    - **To Learn About the Creator/Project:** The "`About`" page provides detailed information about Jakub and the Splatter Head project.
    - **To See Behind the Scenes Content:** The "`Behind the Scenes`" section has plenty of articles ("`Clay to Screen`," "`Armature Guide`"), storyboards, and a large image/video gallery. This directly attracts those curious about the "making of" process. The Featherlight image zoom is very useful here.
    - **To Participate (Contest):** The "`Contest`" page provides a clear way for interested fans to engage further with the project.
    - **To Get in Touch:** The "`Contact`" page offers a functional contact form (using Formsprees backend) and links to social media.
    - **For Inspiration:** The detailed explanations of techniques, challenges, and the personal journey shared in the "`Clay to Screen`" article can be very inspiring for aspiring creators.
    - **For Course Requirements (Instructor):** The "`Extra`" page directly addresses the Final Project Requirement needs.
  - **Meeting Needs - Summary:**
    - The site provides the primary content (the video) upfront.



- It offers deep dive information for those interested in the creative process.
- It includes interactive elements (contest, contact form, image zoom, accordions) to engage the audience.
- The personal tone and sharing of challenges make the content relatable.
- The visual theme is consistent and aligned with the project's aesthetic, which would appeal to fans of indie/DIY/horror/cheesy content.
- One area for continued improvement would be ongoing accessibility enhancements (ensuring all videos have captions, thorough contrast checks for all text elements). However, the structure and content are well aligned with the likely audience's interests and technical comfort levels.

## 5. Outline of Main HTML, CSS, and Image Elements Per Page

This section outlines key HTML tags, CSS concepts, and image usage across the website. Common tags like `<p>`, `<br>`, `<li>`, `<ul>`, `<ol>` are generally not commented on unless their use is specific or notable.

### General Site Wide Elements:

- **HTML:**

- `<!DOCTYPE html>`, `<html lang="en">`: Standard document setup.
- `<head>`: Contains `<meta charset="UTF-8">`, `<meta name="viewport" content="width=device-width, initial-scale=1.0">` (crucial for responsiveness), `<title>`, `<link rel="stylesheet" href="styles.css">` (and `styles-gallery.css` where included), and links to Featherlight CSS.
- `<body>`: Contains the main content structure.
- `<div class="container">`: Main flex container for page layout.
- `<div class="blurred-background">`: Contains `<header>`.
- `<header>`: Contains the site logo (`<img class="logo">`).
- *Why*: Grouping for introductory content, typically a logo and site title.
- `<nav aria-label="Main navigation">`: Main site navigation bar.
  - *Why*: Element for primary navigation links; `aria-label` provides accessible name.
- `<div class="corner-ribbon">`: Contains the contest call to action link.
  - *Why*: Custom element for a visually distinct, persistent link.
- `<main class="page-content">`: Main content area for each page.
  - *Why*: Element indicating the primary content of the document.
- `<footer>`: Contains copyright information and link to the Contact page.



- *Why*: Element for footer content.
- `<script src="script.js">` (and other JS like jQuery, Featherlight, Masonry): For interactivity.
- **ARIA Attributes**: Used extensively for accessibility:
  - `aria-label`: Provides accessible names (e.g., navigation).
  - `aria-current="page"`: Indicates the current page in navigation.
    - *Why*: Improves screen reader feedback.
  - `aria-controls`, `aria-expanded`, `aria-hidden`, `role="region"`: Used in accordions (FAQ/Extra/Articles) via `script.js`.
    - *Why*: Makes interactive widgets accessible.
- `loading="lazy"`: Used on `<img>` tags in galleries.
  - *Why*: Defers loading of off screen images for performance.
- `data-featherlight="image"`: Custom attribute on `<a>` tags.
  - *Why*: Used by Featherlight JS to trigger the lightbox.
- **CSS (`styles.css` generally, `styles-gallery.css` for galleries):**
- `@font-face`: Loads the custom "Friday Hype" font.
  - *Why*: For unique branding in headings.
- `body::before`: Creates the fixed background image effect.
  - *Why*: A non-intrusive way to have a full page fixed background using `position: fixed`.
- **Flexbox (`display: flex`)**: Used extensively for layout (`.container`, `nav ul`, `.paragraph-with-image`).
  - *Why*: Provides powerful and flexible layout capabilities, excellent for responsiveness.
- `position: sticky` for `<nav>`: Keeps the navigation bar at the top during scroll.
  - *Why*: Improves usability by keeping navigation always accessible.
- `position: fixed` for `.corner-ribbon`: Keeps the ribbon locked in the viewport corner.
- `clip-path` for `.corner-ribbon`: Creates the triangle shape.
  - *Why*: Modern CSS technique for complex shapes without using images.
- **Media Queries (`@media (max-width: ...)`)**: Adapts styles for different screen sizes (changing `flex-direction` for navigation, adjusting font sizes, modifying gallery column counts).
  - *Why*: Essential for responsive web design.
- **Accordion Styles (`.faq-item`, `.extra-item`)**: Styles for the toggle buttons and content panels, including transitions for `max-height` and `padding`.

- *Why*: Visual styling for interactive content display.
  - **rgba() colors**: Used for backgrounds with opacity (e.g., `.blurred-background`, content backgrounds).
    - *Why*: Allows background colors to be semi transparent.
  - **transition**: Used on links, buttons, accordions.
    - *Why*: Creates smooth visual effects for better UX.
  - **overflow: hidden**: Used on `body`, `.video-container`.
    - *Why*: Prevents unwanted scrollbars or content spill.
  - **z-index**: Used on positioned elements (`nav`, `.corner-ribbon`, etc.).
    - *Why*: Controls stacking order.
- **Images:**
  - **Logo**: <https://i.imgur.com/H7HxBCW.png> (Consistent branding).
  - **Fixed Background**: <https://i.imgur.com/QS0FXJA.png> (Consistent theme).
  - Hosted primarily on Imgur for performance, with local images in `images/` folder for specific needs (like transparency for Armature Guide PNGs).
- **JavaScript (**script.js** and external libraries):**
  - **External Libraries Used:**
    - jQuery: Dependency for Featherlight/Masonry.
    - Featherlight.js: Provides image lightbox functionality.
    - Masonry.js & imagesLoaded.js: Create dynamic tiled gallery layouts.
  - Handles accordion interactions (FAQ/Extra/Articles) including ARIA updates.
  - Handles contact form submission via Fetch API to Formspree, includes basic validation, and shows thank you message.
  - Implements gallery randomization on `gallery.html`.
- **Page: `index.html` (Home)**
  - **HTML:**
    - `<h1>`: "Watch Splatter Head!" (Main page title).
    - `<div class="hero">`: Section containing the main video.
    - `<div class="video-container">`: Contains the `<video>` element.
    - `<video controls poster="images/SplatterHead_Poster.jpg" <source src="extra/SplatterHead.mp4" type="video/mp4"> ... </video>`: Embeds the main video locally. `controls` attribute adds default player controls. `poster` shows a thumbnail image before loading. `<source>` specifies file and type. Includes fallback text/link.
      - *Why*: Primary content of the page. Local hosting due to YouTube restrictions.

- `<section class="end-credits">`: Contains lists of credits and tools.
      - *Why*: Grouping for concluding information.
  - **CSS:**
    - `.hero`: Centered text, padding.
    - `.video-container`: `aspect-ratio` styling for responsive video, box shadow.
    - `.end-credits`: Background, padding, centered text.
  - **Images:**
    - Video poster image: `images/SplatterHead_Poster.jpg` (Locally hosted, likely in `/images/` based on path, not `/extra/`).
      - **Note**: Path discrepancy `images/` vs `extra/` in original plan. Code uses `images/`.
- **Page: `about.html`**
  - **HTML:**
    - `<section aria-labelledby="...">` elements used to group content with `<h2>` having corresponding `id`.
      - *Why*: Division and accessibility linking heading to content.
    - `<div class="paragraph-with-image">`: Used for layouts with text next to an image, responsive stacking.
    - `<img class="paragraph-image">` or `<img class="paragraph-image-left">`: Images associated with paragraphs.
      - *Why*: Illustrative content.
    - `<img class="about-image">`: For standalone larger images like the magazine cover.
    - **FAQ Section:**
      - `<div class="faq-item">`: Container for a single FAQ.
      - `<button class="faq-question" aria-controls="..." aria-expanded="...">`: Clickable question.
        - *Why*: Interactive element to reveal answer, with ARIA for accessibility.
      - `<div class="faq-answer" id="..." role="region" aria-hidden="...">`: Collapsible answer panel.
    - `<div class="explore-content-with-image">`: Thought bubble section with zombie.
      - Contains `<div class="explore-text">`, `<div class="explore-bubble-title">`, `<img class="explore-image-right">`.

- External links use `target="_blank" rel="noopener noreferrer"`.
      - *Why:* Opens in new tab securely.
  - **CSS:**
    - `.paragraph-with-image`: Flexbox for side by side layout, media queries for stacking.
    - `.about-image`: Styling for centered, responsive images.
    - `.faq-section`, `.faq-item`, `.faq-question`, `.faq-answer`: Styling for the accordion functionality (shared with `.extra-section` styles).
    - `.explore-content-with-image` and its children: `position: relative/absolute`, `z-index` and other styles for the thought bubble effect.
  - **Images:**
    - <https://i.imgur.com/Ly5jKT7.jpeg> (Photo of Jakub).
    - <https://i.imgur.com/7AW8ZUB.jpeg> (Splatter Head Magazine Cover).
    - <https://i.imgur.com/mKkTzv7.jpeg> (Silent Hill PS1 Cover).
    - <https://i.imgur.com/RjV2BwZ.png> ("Explore More" Zombie).
- **Page: `behind.html`**

- **HTML:**
    - `<section class="article-links">`: Contains links to detailed behind-the-scenes articles.
    - `<div class="article-link-item">`: Groups each article link and its description.
    - `<h2><a href="...">...</a></h2>`: Article titles as links.
  - **CSS:**
    - `.article-links`, `.article-link-item`: Styling for the list of articles, including borders and spacing.
  - **Images:** None directly on this page.

- **Page: `contact.html`**

- **HTML:**
  - `<form id="contact-form" action="https://formspree.io/f/meogrqoa" method="POST">`: Contact form submitting to Formspree via JS Fetch. (Updated from MAILTO)
    - *Why:* Uses Formspree backend for email submission, handled by JavaScript.
  - `<label for="...">`, `<input type="text" id="..." name="..." required autocomplete="name">`, `<input`

`type="email" name="..." required autocomplete="email">`,  
`<textarea name="..." required>`: Standard form fields with labels for accessibility, `name` attributes for submission, `required` attribute for basic validation, `autocomplete` for usability.

- `<button type="submit">`: Form submission button.
- `<div id="form-thank-you" style="display: none;" role="alert" aria-live="assertive">`: Hidden message shown after submission via JS, with ARIA attributes for accessibility.
- `<section class="social-media-section">`: Contains links to social media.
- `<div class="social-links"> <a href="..." target="_blank" rel="noopener noreferrer"></a> ... </div>`: Links with images for social media.

○ **CSS:**

- `#contact-form` and its children: Styling for form layout, input fields, and button. Includes `:focus` styles for inputs.
- `#form-thank-you`: Styling for the confirmation message.
- `.social-links`: Centering for social media icons.

○ **Images:**

- `https://i.imgur.com/dRCMCfn.jpeg` (Image of Claykub).
- `https://i.imgur.com/LUv0mID.png` (X/Twitter Icon).
- `https://i.imgur.com/LxE1dvN.png` (YouTube Icon).

● **Page: `contest.html`**

○ **HTML:**

- Uses `<section>` to divide content (How to Enter, Judging, Terms and Conditions).
- `<ol>` for "How to Enter" steps, `<ul>` for "Terms and Conditions."
  - *Why*: Correct for ordered and unordered lists.
- `<strong>`: Used to highlight key terms like deadlines or important rule aspects.
  - *Why*: Semantic emphasis.
- ``: Image of claymation zombie. Inline style used for floating.

○ **CSS:**

- General text and list styling from `styles.css`.
- Relies on `section strong { color: #ffcc66; }` for highlighted text.

- **Images:**
  - <https://i.imgur.com/nexCIfg.jpeg> (Claymation Zombie image).
- **Page: [extra.html](#)**
  - **HTML:**
    - `<section class="extra-section">`: Similar structure to FAQ for collapsible content using button/div pairs.
    - `<div class="extra-item">`: Container for an item.
    - `<button class="extra-requirement" aria-controls="..." aria-expanded="...">`: Clickable requirement title.
    - `<div class="extra-answer" id="..." role="region" aria-hidden="...">`: Collapsible content panel.
    - Contains an `<iframe>` to embed a PDF ([extra/Splatter Head - Final Project Design Proposal.pdf](#)).
      - *Why*: To display the PDF document directly on the page.
    - Contains an `<img>` linked to the sitemap image ([extra/Site Map - Splatter Head.png](#)).
    - Contains `<div class="video-container">` with an `<iframe>` for a YouTube video ([https://www.youtube.com/embed/14luMSkj\\_ms](https://www.youtube.com/embed/14luMSkj_ms) placeholder URL) linking to the Final Project Presentation.
  - **CSS:**
    - `.extra-section`, `.extra-item`, `.extra-requirement`, `.extra-answer`: Styling for accordion functionality (shares styles with FAQ).
    - `iframe` styling for PDF: `width:100%; height:600px; border:none;`.
    - Sitemap image styling: `max-width: 100%; height: auto; ....`
  - **Files from [extra/](#) folder:**
    - [Splatter Head - Final Project Design Proposal.pdf](#) (embedded).
    - [Site Map - Splatter Head.png](#) (displayed as image).
    - [Final Website Plan Paper\\_ Splatter Head.pdf](#) (embedded).
    - [SplatterHead.mp4](#) (used on [index.html](#)).
    - [Splatter Head - Storyboard.pdf](#) (embedded on [storyboard.html](#)).
    - Final Project Presentation video (embedded).
- **Page: [armature-guide.html](#)**
  - **HTML:**

- `<div class="paragraph-with-image image-left">`: Introduction with image.
  - Series of `<div>` containing `<a><img ... data-featherlight="image"></a>`. The images (`images/Armature_Image_1.png`, etc.) are the primary content delivery method for steps.
    - *Why*: This page uses full width images (shows the image and text saved as a png) as a workaround for layout challenges. `data-featherlight="image"` enables the lightbox effect.
  - `<section class="extra-armature-gallery">`: Contains a grid of additional images.
  - `<div class="gallery-grid">`: Container where Masonry layout is applied specifically via JS on this page.
  - `<div class="gallery-item"> <a data-featherlight="image"><img ... loading="lazy"></a> <p>...</p> </div>`: Standard gallery item structure.
- **CSS:**
  - Inline `<style>` block for Featherlight customization (black background/border for lightbox) and `.image-block-below-text` styling.
  - Uses `styles-gallery.css` for `.gallery-grid` and `.gallery-item` base styles.
- **JavaScript:** Includes jQuery, Featherlight, Masonry, imagesLoaded.
  - Contains specific JS block to initialize Featherlight and Masonry for the `.extra-armature-gallery .gallery-grid`.
- **Images from `images/` folder:**
  - `Armature_Image_1.png` through `Armature_Image_8.png`, `Armature_QuickTips.png`.
- **Images (Showcase a variety of Tools used - Imgur):**
  - <https://i.imgur.com/CcAYM8I.jpeg>, <https://i.imgur.com/cWgf4yG.jpeg>, etc.
- **Page: `clay-to-screen.html`**
  - **HTML:**
    - Extensive use of `<section>` and `<div class="paragraph-with-image">` (alternating `image-left`) for a long form article layout.
      - *Why*: Breaks down a large amount of text into manageable, readable chunks with relevant imagery.



- Many `<a>` tags linking to external resources (IMDb, Software, Equipment) using `target="_blank" rel="noopener noreferrer"`.
- **CSS:**
  - Primarily relies on `.paragraph-with-image` styles from `styles.css`.
- **Images (all Imgur hosted):**
  - <https://i.imgur.com/qsY0B0P.jpeg> (King Kong 1933 poster).
  - <https://i.imgur.com/IGkTqAk.jpeg> (Wallace & Gromit: A Grand Day Out poster).
  - <https://i.imgur.com/Ecw4Wfx.jpeg> (Storyboard page 11).
  - ...and many others to illustrate each step of the process.
- **Page: `gallery.html`**
  - **HTML:**
    - `<div class="gallery-grid">`: Main container for gallery items. Masonry JS will be applied to this.
    - `<div class="gallery-item">`: Contains an image or video and a caption.
    - `<a href="..." data-featherlight="image"></a>` for images.
    - `<video controls width="100%" autoplay loop muted><source src="..." type="video/mp4">...</video>` for short looping videos.
    - `<iframe>` for embedded YouTube videos.
    - `<p>` for captions.
  - **CSS (`styles-gallery.css`):**
    - `.gallery-grid`: Masonry will dynamically position items.
    - `.gallery-item`: Styling for individual items, including background, padding, border, and responsive width calculations (`calc()`).
    - Media queries adjust `width` of `.gallery-item` for different column counts on smaller screens.
  - **JavaScript:** Includes jQuery, Featherlight, Masonry, imagesLoaded.
    - Contains specific JS block to shuffle gallery items, then initialize Featherlight and Masonry.
  - **Images/Videos (all Imgur or YouTube):**
    - A large collection of `.jpeg`, `.png` image links from Imgur.
    - `.mp4` video links from Imgur (for autoplaying loops).
    - YouTube `iframe` embeds.
- **Page: `storyboard.html`**
  - **HTML:**

- `<section class="extra-section">`: Contains the embedded PDF storyboard using the accordion pattern.
      - `<button class="extra-requirement" aria-controls="..." aria-expanded="...">The Storyboard PDF</button>`
      - `<div class="extra-answer" id="..." role="region" aria-hidden="..."> <iframe src="extra/Splatter Head - Storyboard.pdf" title="Splatter Head Storyboard PDF"></iframe> ... </div>`
    - `<div class="gallery-grid storyboard-grid">`: A separate grid for individual storyboard panel images.
    - `<div class="gallery-item"> <a href="..." data-featherlight="image" class="gallery"></a> <p>Storyboard Page X</p> </div>`: Grid items for each page image.
    - `class="gallery"` on the `<a>` tag is used by Featherlight Gallery JS on this page to allow lightbox navigation.
  - **CSS (styles-gallery.css):**
    - `.storyboard-grid.gallery-grid`: Specific CSS Grid styles (`display: grid`, `grid-template-columns`, `gap`) are applied here, overriding the default Masonry-intended `.gallery-grid` styles.
    - Media query forces `grid-template-columns: repeat(3, 1fr);` on larger screens for this specific grid.
  - **Files:**
    - `extra/Splatter Head - Storyboard.pdf` (embedded PDF).
    - Imgur links for individual storyboard panel images (e.g., <https://i.imgur.com/hi1x2fB.jpeg>).
  - **JavaScript:** Includes jQuery, Featherlight.
    - Contains JS to initialize Featherlight for individual images and handle the accordion for the PDF embed.
- **script.js**
    - **DOM Content Loaded Listener:** Ensures script runs after HTML is parsed.
    - **Accordion Logic (FAQ, Extra Items, Clickable Articles):**
      - Selects all items (`.faq-item`, `.extra-item`, `.clickable-article`).
      - For each, finds the button (`.faq-question`, etc.) and the answer panel.
    - **ARIA Implementation:**
      - Assigns unique `id` to answer panels.
      - Sets `aria-controls` on buttons to link to their respective panels.

- Sets initial `aria-expanded` state on buttons based on whether the panel is initially active.
  - Toggles `aria-expanded` on button click.
- **Functionality:**
  - Closes other open accordions within the same group when one is opened.
  - Toggles `active` class on button and panel.
  - Animates `max-height` and `padding` for smooth open/close effect using `scrollHeight`.
  - `setTimeout` is used to correctly time the padding removal on collapse.
- **Contact Form Logic (Handles Formspree submission):**
  - Gets form (`#contact-form`) and thank-you message (`#form-thank-you`) elements.
  - Adds `submit` event listener.
  - Uses Fetch API to send form data asynchronously to Formspree endpoint (<https://formspree.io/f/meogrqa>) via POST.
  - Basic client-side validation for `required` fields (checks if empty, changes border color to red).
  - If Fetch response is ok, hides form and shows thank you message (via display style change).
  - If Fetch fails or validation fails, prevents default submission and alerts/focuses invalid field.
- **Key JS Features Used:** `DOMContentLoaded`, `querySelectorAll`, `forEach`, `querySelector`, `addEventListener`, `classList.toggle/add/remove`, `style.maxHeight`, `scrollHeight`, `setAttribute`, `id`, `preventDefault()`, Fetch API, `FormData`, `async/await`.
- **fonts folder:**
  - Contains font files for "Friday Hype" (e.g., `Friday Hype Trial.otf`, `Friday Hype Trial-SVG.otf`).
    - *Why:* To provide the custom font used for branding.
- **Conclusion on Elements:** The website uses a combination of semantic HTML5 tags for structure (including appropriate ARIA attributes for accessibility), robust CSS for styling and responsiveness (leveraging Flexbox, Grid for specific cases, `position: sticky/fixed`, `clip-path`, and media queries), and JavaScript for interactivity (accordions, image galleries/lightboxes via libraries like Featherlight/Masonry, asynchronous form handling via Fetch/Formspree). Image optimization (`loading="lazy"`) and hosting strategies (Imgur vs. local) were considered for performance. The use of PNGs for the Armature Guide steps demonstrates problem-solving to achieve a desired visual outcome. CSS organization aims for

separation of concerns (`styles.css` vs. `styles-gallery.css`), though some page specific styles or JS initializations exist where needed.