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Website Dev.: HTML &CSS
Final Website Paper

Changes:

First the reviews section was removed as this could effectively fit in the community-forum section. A contact us page was added. Instead of a rotating banner on the home page, buttons leading to the most important pages are presented at the top. A short version of what is happening this week at the game store follows. Following that are 3 columns advertising the 3 broad game categories with a link to popular games webpage, weekly events webpage, and the community-forum (find a group).

Colors and Themes:

The game store is a Halloween themed store, inspired by the Galloping Ghost Arcade in Brookfield. I imagine mannequins displayed throughout the store and creepy music playing to give it a haunted house feeling. Therefore, I went with a dark background for the website with slime green and pumpkin orange and text color. "Creepster" was the Google text font used for titles and headings to give it that "Goosebumps" feel.

Navigation:

I used a Bootstrap method for the navbar that uses a hamburger menu for mobile-display. Also, in the main content of each page, wherever a topic that referenced another webpage was brought up a link was provided to that relevant page. I feel the combination of these two approaches allows the user to access whatever page they are thinking about by using the navbar but can quickly access another page with a link for content that is talked about within a page.

Multimedia:

I believe I effectively used multimedia. I used images of various games that are played at the shop as well as recommendations from the staff. An image of people playing games inside a game store was also in the about us to give the vibe that this is a fun and popular place to play games. Also at the bottom of each page a creepy ambient background music can be played on loop to reinforce the spooky feel of the website.

Audience:

Yes, the site matches the described audience: gamers of all ages. The goal is to get people in the store to play games (and buy games there as well). Seeing weekly events as well as popular games displayed attracts the desired audience to come in. The site also features a forum for people to want to organize play sessions and discuss games, which is unique for game stores. Keeping the conversations on the site keeps the game shop the obvious place to meet up, play, and give their business. A newsletter to keep the user informed about the store will bring them back to the site with updated information. There is also an address with an embedded google maps that people would likely look up before visiting the store or even on their phones as their travelling there.

HTML, CSS, Image, and Tags

1. **Shared:**

    In <Head>:

    - <!doctype html> indicates that this document is being written in HTML
    - <html lang="en"> indicates that the language used in is code is English
    - <meta charset="utf-8"> indicates the characters used for the webpage
    - <meta name="viewport"...> used for responsive design to allow for viewing on as small as a mobile device to as large as a desktop monitor.
    - <meta name="description"...> used to give a brief description of the webpage used to optimize search results for search engines.
    - <link rel="stylesheet"> there are two. One is the bootstrap and one is my custom styles.css.
    - <link rel="preconnect" href="googleapis"...> these 3 are for allowing the Creepster font used in the headings.

    In <Body>

    - <a class= "sr-only sr-only focusable" href="content"> this is to allow a user to skip to the various clickable items on the webpages using Tab, then press Enter as if to click that item.
    - <div id="wrapper"> encapsulates the entire body to control page dimensions.
    - <nav class="navbar...> is the bootstrap navigation bar at the top of the pages
    - <img src="images/slimeMonster.jpg"...> this is the company's logo and hero icon. It is located at the top left of every page and can be clicked on to take the user back to the home page.

- <button class="navbar-toggler...> this is to make the clickable hamburger icon used in mobile viewport for the navbar.
- <div class="collapse...> this provides the links for the navigation bar, and is also collapsible for mobile viewport.
- <a class=nav-item...> each of these are the individual links to the various webpages on the website.
- <header> - two divs, one set for tab-desk and the other for mobile. This gives a different look depending on the viewport.
- <footer>
  - Container for the copyright information
  - <a href="mailto...> clicking this sets up an email to be sent to the webmaster
  - <div class="social"> a Facebook and X.com logo are provided for images and are clickable and send the user to those sites (if an actual business was setup, it would send the user to the business's social media accounts).
  - <audio controls...> this sets the preload to none, which means the audio does not play unless the user clicks it. The source src is set to the ambient horror music that also loops.
- <script src=https:...jquery or popper, or bootstrap...> these are various javascripts that come with Bootstrap.

2. **CSS:**
   - CSS reset to keep consistent margin, padding, and border.
   - *, *::before, *::after also reset
   - Body{} sets the default fonts, the background color as black, and the text as white for main body text.
   - Img{} given a max-width and an auto height and set to block display to make the entire image take up its own line.
   - .mobile{} sets the display to block for mobile viewports.
   - .tab-desk{} the mobile viewport is default, but this sets display to none for bigger viewports.
   - :root define CSS custom properties
   - .gg-title, gg-tagline, gg-brand-text . These apply the Creepster font and keep the colors. Titles are set to orang and tagline set to green to align with Halloween theme.
   - .gg-logo{} fixed size to make small to fit I top corner.
   - .link{} these are the links inside text. Given a green bold italic cover

- .link:hover{} when you hover over the link it turns orange to contrast the green link color and fit the theme.
- Footer centers the text in the footer section, making it slightly smaller, with border at the top to visually distinguish the footer from the body of the page.
- .social img are for the social media links to Facebook and x.com (not connected to actual business site, just the home page of the sites). They are given a smaller height.
- Audio is made responsive by allowing full width but a max width of 420px.
- .gg-video{} made to fit inside the webpage
- Main{} set to inherit the same font as the body and creates a padding.
- Media queries are setup to create a responsive website. With mobile being up the default rules, tablet being when the width hits at least 620px, desktop when the width hits at least 1000px, and large desktop when the width hits 1921px.

3. **Home:**
   - In main:
     - <div class="d-flex justify-content-center flex-wrap" style="gap: 10px;"> uses a bootstrap container that has the contents flex to new rows within the container depending on the viewport). It is centered within the container. There are 10 pixels between the buttons described later.
     - <a class="btn btn-outline-light"…> three of these are buttons directing the user to various pages. With a light outline around the button to stand out more.
     - Announcements:
       - <div classs="row" We have this content set up in a row spanning the entire 12 points of the column
       - Card-body is a bootstrap class that provides padding for the content, and the content's text is centered.
       - when <div class=col-lg-4 mb-3> it is creating a column using 4/12 units. There are 3 of these , reaching the 12/12. The lg means apply these columns when it is a large viewport i.e. not on mobile. The mb-3 is a unit of spacing from the bottom margin.

- the imgs apply a specific width and height as well as object-fit contain so as to keep the various pictures relatively the same size as well as fit within their respective containers.

4. **About Us:**
   - The first section in main divides the first column using div class col-lg-7 and col-lg-5 to get 7+5=12. The puts a brief about us info text on the left with an image of the store on the right.
   - Another 3 columns underneath.
   - <iframe src=... > this is the embedded address for the store (set to the Orland Square mall.)

5. **Popular Games**
   - First setup a entire row spanning intro to the page using <div class="row"> and <div class="col-12">. Had <btn> to setup buttons to go to various pages.
   - 3 columns for 3 game suggestions. <div class="col-lg-4…" only taking a third. Each column had a btn same as previous pages.
   - <img="…" alt="…"> is used for an image of each game with the alt tag giving a description of the image

6. **Community Forum**
   - <form action="#" method="post"> is used to setup a form for people to post in the community forum.
   - <div class="form-group"> sets up the input field
   - <label for="postTitle / postCategory / postBody> sets up the individual field, be it the post title, the posts category or the posts text body
   - In PostCategory, the various <options> allow the user to choose a category that the post will belong to.
   - The post body has 4 rows to accommodate extra room for a user post.
   - Placeholder shows text until the user enters their own text.
   - The two buttons, type="button" for the user to submit their post, and type="reset" for the user to clear out what they've written so far to start over.
   - The example posts are given a class="border" so as to separate each post.

7. **Events**
   - <div class="table-responsive"> from bootstrap creates a table that is also responsive i.e. will work on mobile.
   - <table class="table table-dark table-bordered table-hover mb-0> sets up a bootstrap table, sets it to a dark theme with light text to fit the website. Sets up a border around all the cells and applies a slight color change when hovering over a row. Set to no bottom margin.

- <thead> sets up the header of the table.
  - Inside it has <tr> which inside explains all the column names in the row, with <th scope="col"> saying this column acts as a header for the entire column.
- <tbody> this is setting up the bulk of the table, the body. With each <tr> having a <td> for each column in the row. For this webpage it shows the day of an event, the event name, the time, and a short description of the event.

8. **FAQ**
- Multiple FAQs. Each question and answer is set to span the entire row, all 12 units of the column. Each FAQ is setup similar to previous text entries.

9. **Newsletter**
- <form> sets up the form that the user will use.
- <fieldset> a container to group similar form items.
- <form action="#" method="post"> is also used to setup posts like in the community forum.
- <div class="form group"> each one is for an individual input, like name address, interests.
- The <div class="form-check>'s are used to create checkboxes of various interests that the user can checkmark.
- A submit and reset button are made to subscribe to the newsletter and clear the text fields.

10. **Contact US**
- Another form similar to previous ones, with the bottom "form-control" with an id="questionbox" for the user to input questions for the business.