Internet Programming : Final Document

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Our website is one that focuses heavily on informing the user about the history of video game consoles, and how they became the primary form of consumed media in our modern era. The group members for this team are Anthony Nadeau and Konstantinos Nikopoulos. Anthony focused mostly on arranging the structure as well as the stylistic elements in the css, and implementing the javascript elements. Kosta focused on creating the overall foundation of the structure and providing all the content that is currently shown on the webpage (HTML). The entire project was worked on in our git repository which can be found here: https://github.com/Buhbah6/IPFinalProj . This allowed us to constantly work on the project from home without needing to send files back and forth constantly. Next we'd like to summarize the structure of our website.

 The primary structure of the website follows a similar one to what we have done in previous assignments. The body is clearly defined from the image background, and has the content separated in asides, divs, and sections. There is also the footer being used for the sources. In the main style elements, we set a background image for the html files as a whole, and we made the body a colour reminiscent of that of the background. We then used contrasting colours for the sections to create a more vibrant looking website. We also handled overflow by using scrollbars where there may be large amounts of text. Also, in CSS we created the navigation bar as it appears to make our design a little more clean-looking. The CSS portion also plays a key role in the alignment of everything. By using classes and IDs, we used CSS to align different sections differently

to shift around our layout and keep every page looking a little different from the previous one. Next, we used JavaScript in the "About Us" page to allow users to input a review into the provided text area (that was resized and aligned with CSS) and upon clicking the red button, the button turns green and the text is removed (as though it has been submitted). Unfortunately at the moment our website only deletes the submission text from the website, but should we continue development, we would like to retrieve the review data as well as use email validation to ensure we don't get spam reviews by online bots. In addition, we created a star rating system using javascript and css. This input allows the user to rate the website on 5 stars, which could be used in relation to the data from the text area should we decide to record said data. Finally, our "About Us" page contains a google maps window and a twitter feed window on the bottom side by side. The google maps window allows the user to see a predetermined location on Google Maps (currently set to Anthony's workplace), and the Twitter feed window allows the user to scroll through a users twitter feed (currently set to Anthony's twitter feed). Both of the latter elements mentioned were implemented by Anthony as part of the "Responsive Design" portion of the webpage. The design process was fairly straightforward as well. Anthony created the mockups of the website that were submitted with the proposal, and then the team used those as a template for the website, so the design was focused around that. Kosta built the structure and then Anthony organized the structure with CSS. We chose to use Lorem Ipsum to act as a text placeholder initially and then after our presentation Kosta included real content, whilst Anthony did the JavaScript portions, so development progressed smoothly. Some additional improvements we'd like to make with our website in the future is to rebuild the

structure to appear a bit more organized and professional, as well as make it more robust and so it can function well on any device. We'd also like to implement the user data input as previously mentioned, and maybe make some more pages as a consequence of that. To reiterate, the foundational structure and content of the website was mostly done by Kosta, while some structure, and all of the CSS and JavaScript was designed and implemented by Anthony. Overall the team collaborated to ensure the page met both teammates standards and an even contribution was made.