Introduction to Programming II Project Log

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| **Project title:** | Final Project – Gender Distribution in the Video Games Industry |
| **Topic:** | Week 20 – Implementing Pie Chart and Final Tests |
| **What progress have you made this topic?** | |
| I have fully finished the project by creating a function that switches from Bar chart to Pie chart, implemented pie charts in the project, tested with user input (and also had my sister test it with no previous explanations). The tests were successful, no bugs were found in the final version of the project, and I decided to make it more user-friendly by adding a glow to the bar chart when hovered. | |
| **What problems have you faced and were you able to solve them?** | |
| Detecting hovers was easy to implement, but detecting clicks on the contrary proved to be a difficulty using the p5.js library, therefore I used the event system within JavaScript to get over such thing. This, however, caused issues when trying to implement the back button as a p5 DOM element. The screen would begin to flicker from pie to bar chart. Therefore, I decided to make a simple back button using the “rect()” and “text() “ p5.js functions. | |
| **What are you planning to do over the next few weeks?** | |
| I believe I can finally rest as this is the final project log. I may end up doing more tests before final submission, however I think I have tested each element of my project exhaustively. | |
| **Are you on target to successfully complete your project? If you aren’t on target, how will you address the issue?** | |
| To be frank, I did take an unexpectedly large amount of time to complete this last part. I was struggling with my mental health and it took a toll on many things, including my overall productivity. I believe I did my best. | |