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Cart 351

Final project documentation:

For my final project, I made a website named Drawnimo. It's a simple fast drawing exercise that will prompt the user with a random subject submitted by another user and give him 30 seconds to draw it. Then the image is sent to the database and displayed on the main page with all of the informations the user gave with this drawing. To achieve this, I used technologies that we have learned in class like javascript, the canvas, ajax and sql. My final website is constructed of two main php (Main and Play) pages and a database creation php page as well. I started by making the drawing program. I wanted to do something simple strictly in black and white because most of the time I think that digital colors of drawing programs aren't pleasing to the human eye. Once my drawing program was done, I started to design my html page while keeping it simple so I can focus on the sql structure part. The real challenge was to save the canvas automatically into the database without having to upload it from a form. After a ton of diggin I found out I had to use a blob to do so. Then I wanted to put an communital aspect by allowing the user to submit a new subject. To do so I had to create another table into my database and pick a random row from it each time I want to access a random subject. All of the results of the main table are displayed into the Main page of the website and every new insertion will be displayed at first on the top left. It has been challenging to make it all work especially through the Concordia space because my images weren't showing online while it was working locally, but the overall idea is pretty simple. There are many changes that can be made to improve the website, but I am very proud of what I was able to create with no knowledge of databases and sql.