Database Project Assignment 7: Web Connectivity

Connect your database to a web application. You can use ROR, PHP, Flask, NodeJS, .NET, Django, Struts, or whatever else you’d like to use to exhibit your skills.

Explain the process of connecting your database to the web by creating documentation. Include detailed explanations and screenshots!

To fully submit this assignment for grading, demo your work on Flipgrid.

1ST step: We first begin by creating a js file that will state where our database is. We need that info to then connect to the database and find the table we will be doing queries out of.

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The following accomplishes that.

2ND step: Next, we begin querying and we also create an object that will hold the data for each column of our specific table. In this case we are targeting the trade table, so I built an object for each attribute. We are however going to return all the data off one query, and we are not going to be updating or creating data, thus we will not need the object we create.

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The following accomplishes that.

3RD step: Next, we export all the SQL query to a controller file, where we will create a path for the query we want to accomplish.

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The following accomplishes that.

4TH step: Following the creation of the path, we make a route for where the query will be done.

Graphical user interface, text

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The following accomplishes that.

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Example of what the route does. “localhost:3000/trades”

Final step: We glue everything together by making a connection to the database, creating the port the server will be live in, and executing, bringing the application to life.

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The following accomplishes that.