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Computer Science Capstone 20EW4

5-2 Milestone Four: Enhancement Three: Databases

Narrative-update

**A. Briefly describe the artifact. What is it? When was it created?**

This Artifact is a single page Registration directory listing basic information of each registered User, a list of Users, and also the option to ad or delete a user to/from the directory. I Incorporated Node.JS, Express, and MongoDB to create this basic RESTful Web App. This Web app only requires Name, age, gender, location and email information from the User.

**B. Justify the inclusion of the artifact in your ePortfolio. Why did you select this item?**

The artifact or Website was requested by a client early February and this prototype was completed April 2020. I selected this Web application in order to meet the requirement of Category Three: Databases, with the objective to Create a MongoDB interface with HTML/JavaScript.

**What specific components of the artifact showcase your skills and abilities in software development?**

The most specific components of the artifact that showcase my skills and abilities in software

development would be the simultaneous interaction between MongoDB and Nodejs, and Express.

**How was the artifact improved?**

The artifact was improved with the inclusion of a same page User-info box in the same page without need to refresh, a design update through CSS.

**C. Did you meet the course objectives you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?**

I was able to meet the course objectives you planned to meet with this enhancement in Module One with some adjustments made. I am satisfied with the overall artifact, however I will make more improvement and include it with other facets of my website within the next couple of weeks for my client.

**D. Reflect on the process of enhancing and/or modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?**

Working with this artifact I realized the importance of practicing code everyday and how enjoyable it is to reach a final product based on my plans. One of my main challenges was navigating resources, I realized that websites like Stackoverflow.com will be a crucial asset in my career and that as technology continues to take different shapes it will be necessary for me to stay ahead and learn new Technologies and languages that may be released in the future.

Some Illustrations Below:



