NeuroResearch Centers Weekly Report #5

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Starting Week: March 8, 2021

Project Description: To convert the HDB (Human DataBase) program from using MS Access to being web-based using C# ASP.NET for the front end and Azure for the backend.

Task List

- **(Done)** Prep with diagrams and models

- **(In-progress)** Reverse-engineer current database project

- Build website with similar formulas

- Place security via roles and accounts

- Build utility programs to help patient care

- Test the security of the website

- Deploy website on PaaS server

Budget

- 267-man hours for the project at $27 an hour, which totals $7,209.

- The cost for a PaaS server when deployed is $750 a month

- Cost for using Adobe Photoshop and Adobe Stock ~$60 a month for 3 months for a total of ~$180

- Starting expense of MS Azure Basic Plan is $5 a month (Up to 2 GB of storage). This can expand as the data grows.

- Going over plans and setting up project goals (5-man hours $135)

Expenses

- Going over plans and project goals. (5-Hours) $135

- Starting on Diagrams and Models (3 hours), $81

- Ordering Software: Adobe Photoshop and Adobe Stock for the first month which totals $60

- Camtasia: Free since we have a license leftover from previous project.

- Visio: Free since we have a license left over from a previous project.

- **New expenses** for the week of March 1, 2021 is 12.5 man hour.

Total expenses: $616.50

Sources of information

Microsoft Azure Pricing: https://azure.microsoft.com/en-us/pricing/

PaaS Service: https://aptum.com/

Adobe Create Cloud: https://www.adobe.com/creativecloud/plans.html

Next Step

Work on reverse engineering the formulas and structure in the database

Historical Progression

Completed on Time - RFPs, bidding, quotes, and research.

Completed (1-Week Behind) – Wireframe diagrams and 3NF Modeling. The delay is due to other work projects taking priority.

In-Progress – Reverse Engineering has 8 days until it is considered behind. I'm hoping to make up some ground here.