

NeuroResearch Centers Weekly Report #7

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Starting Week: March 29, 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
- ***New (In-progress)** 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.
- Expenses for the week of March 1, 2021 is 12.5 man hour.
- Week of March 15, 2021 is 8.25 man hours which totals \$222.75.
- **Week of March 22, 2021, no new progression.**

Total expenses: \$839.25

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

Keep reverse engineering the formulas and structure in the database, plus continue to make practical methods, functions, and applications of the formulas.

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 (Behind 2 Week) – Reverse Engineering is one week behind now; however, progress is still being made.

In-Progress – Creating methods, functions, and applications from reverse engineering the site.

No new progress for the week of March 22, 2021.