*WBIT 4030*

**Senior Project and Portfolio**

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| Name: | Charles Little (“Andy”) |
| Project Name: | Voter Registration / Election Website |

## Time Log / Status Report

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| **Week Ending** | **Hours** | **Cum. Hrs.** | **Work Description** |
| 14-May-17 | 15 | 15 | * Select focus area for Project (voter registration/electronic voting) * Research possible project objectives (review Georgia statement requirements for voter registration and voting) * Research project proposal requirements * Setup/Install XCode for iOS Development * Review possible frameworks for development (VirtualBox, Apache HTTP, etc) |
| 21-May-17 | 12 | 27 | * Develop Project Proposal * Start Project Website repository (<https://sites.google.com/view/littlecharles4030/home)> - Note: no content has been published yet. * Create Resume * Complete ELA |
| 28-May-17 | 10 | 37 | * Populated website with preliminary documents * Review GA registration data collected for designing data model * Draw up initial thoughts on functions offered * Start WBS / design documents |
| 4-June-17 | 10 | 47 | * Completed WBS and requirements documents. * Updated website with documents. |
| 11-June-2017 | 20 | 67 | * Continued Data model development * Set up home server LAMP stack (Linux, Apache, MySQL, and PHP). Also set up Amazon AWS-Bitnami image (also LAMP). Likely will use home server for more tailored control. Established SSL certificate for HTTPS. |
| 18-June-2017 | 30 | 97 | * Finalized data model * Produced E-R diagram * Began SQL script creation to create schema, entities, and relations. * Began SQL script creation to populate system with sample data * Began design/build for stored procedures * Created Most Meaningful Learning Objective report * Created Section Report 1-4 * Updated web site |
| 24-June-2017 | 40 | 137 | * Completed SQL scripts for stored procedures, test configuration data, and unit tests of stored procedures. * Begin HTML design using Bootstrap/JQuery frameworks. * Completed Project Progress Report. * Completed hardware rebuild due to instability. * Established GitHub repository for code and documentation. * Consolidated documentation and project site to one host. Project is located on <https://fenbranklin.ddns.net/voice>, documentation is at <https://fenbrankling.ddns.net/voice/doc>. * Begin PHP development work. |