*WBIT 4030*

**Senior Project and Portfolio**

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| Name: | Kevin Oglesby |
| Project/Internship Name: | Animal Compendium of Georgia |
| Client: | Me |

## Time Log / Status Report

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| **Date** | **Hours** | **Hours total** | **Work Description** |
| 8/20/20 | 1 | 1 | * Began brainstorming Project Ideas |
| 8/21/20 | 1 | 2 | * Began studying Python in preparation for the project |
| 8/22/20 | 2 | 4 | * Planning for App. Continued studying python |
| 8/28/20 | 2 | 6 | * Studied Python, Researched similar apps and databases. |
| 8/30/20 | 6 | 12 | * Finished Project Proposal, studied Python |
| 9/7/20 | 1 | 13 | * Continued studying python as well as other apps that are similar. Started the Website. |
| 9/13/20 | 4 | 17 | * Finished the website and added it to github |
| 9/16/20 | 2 | 19 | * While working on a frame for my python code, realized that SQL would be necessary and began refreshing my memory on SQL. |
| 9/18/20 | 1 | 20 | * Started working on time log and 1st demo video |
| 9/20/20 | 3 | 23 | * Finished 1st demo video, submitted time log, and studied. |
| 9/22/20 | 1 | 24 | * Studying Python. Reworked my starting files for app |
| 9/24 | 1 | 25 | * Worked on SQL code for app. |
| 9/26/20 | 4 | 29 | * Worked on python, thought I had made a lot of progress on app, had to restart from scratch. |
| 9/27/20 | 1 | 30 | * Studied SQL and started adding information into a database. Worked on Time Log |
| 9/29/20 | 1 | 31 | * Experienced more setbacks with Python code. Worked on Python code |
| 10/3/20 | 1 | 32 | * Researched animal source material, as well as the potential use of development kits. |
| 10/4/20 | 3 | 35 | * Worked on progress report and attempted to map out the timeline for the rest of project. Continued studying SQL and Python |
| 10/8/20 | 9 | 44 | * I am continuing to study Python and SQL. I Have started focusing on SQL to make progress with the database. |
| 10/9/20 | 5 | 49 | * Worked on SQL database. Had to restart. |
| 10/10/20 | 2 | 51 | * Jumped back to Python, also did some research on development kits and aids. |
| 10/11/20 | 4 | 54 | * I am fairly sure SQL is more difficult than I remembered. Updated my time log |
| 10/12/20 | 3 | 57 | * Made a choice to go with SQLite. This will work better with my idea for the database. I have avoided Python for now. |
| 10/13/20 | 3 | 60 | * Learning SQLite. Started a database of games I had played previously to practice. |
| 10/14/20 | 3 | 63 | * Worked on making a Python program that will work with the game database. Did not make much progress, however I have learned more about Python. |
| 10/15/20 | 2 | 65 | * Started a database for the project again. Focusing on less information, but hopefully it will be more direct and quick to access. |
| 10/17/20 | 6 | 71 | * Had computer problems on the 16th, so was not able to work. Had to restart the database when it seems like it was corrupted. |
| 10/18/20 | 8 | 79 | * Worked on having something to show during my video. I wont have much, however I am feeling good about what I will accomplish before the next video. Made a video. |
| 10/19/20 | 4 | 83 | * Returned my focus back to working on the Python aspect. I am working with the Pycharm IDE. It has definitely improved my work rate, where before I was using Geany. |
| 10/20/20 | 7 | 90 | * Making progress with Python. |
| 10/22/20 | 1 | 91 | * Managed to do a little bit of work with Python. |
| 10/24/20 | 3 | 94 | * Had to go back a little and rework my code. Getting better at Python and isolating/fixing small errors in my programs. |
| 10/25/20 | 4 | 98 | * Worked on both the time log and my second progress report. Have done more work with Python. |
| 10/26/20 | 1 | 99 | * More practice with Python |
| 10/27/20 | 2 | 101 | * Researched a IDE for the app, settled on kivy, which was reported as a good tool/module for developing mobile apps. |
| 10/29/20 | 2 | 103 | * Struggled to successfully import kivy |
| 10/30/20 | 6 | 109 | * Continued having difficulty with kivy, however I successfully implemented it after 2 hours, then worked with it for 4 hours. |
| 10/31/20 | .5 | 109.5 | * Worked with Kivy a little. Went to bed early to get the most out of daylight savings time. |
| 11/1/20 | 1.5 | 111 | * Worked on time log and Kivy. For some reason my SQLite is not working with python like it was so I have to figure out that part of the project again. |
| 11/2/20 | .5 | 111.5 | * Continued working with Kivy a little bit. |
| 11/3/20 | .5 | 112 | * Continued work on Kivy. Made a grid layout for the app, however it has functionality issues. |
| 11/6/20 | .5 | 112.5 | * More work with kivy and trying to get the layout sorted out. |
| 11/7/20 | 6.5 | 119 | * Got a basic Kivy program, attempted to pull snake information from SQLite, with no success. |
| 11/8/20 | 7 | 126 | * Continued to struggle getting SQLite to work with my program, also having trouble getting the format to stay consistent with resizing. May have to change layout. Finished this weeks timelog. |
| 11/9/20 | 7 | 133 | * Finally got my layout figured out. Main issue right now is having a search function that does not seem to want to work. All the resources I have had been no help on the matter. |
| 11/10/20 | 8 | 141 | * For my app, I have had trouble with the colors, however I am not as concerned for that as I am to have a mostly working program. Still stuck on the search function. |
| 11/11/20 | 10 | 151 | * There are currently three pages to my app, a main, search results, and the animals info page. These are probably all I need for my Python, so tomorrow I will start focusing on a database. Read feedback from previous timelog. |
| 11/12/20 | 5 | 156 | * Found a tutorial that might help, now planning on using a txt file as database. Its not elegant however I believe I can make it work. |
| 11/13/20 | 4 | 160 | * After working with the txt file, I have managed to understand more with the SQLite file. I have hope that I will be able to make the SQlite files function. |
| 11/14/20 | 2 | 162 | * Worked with Python and integrating SQLite |
| 11/15/20 | 3 | 165 | * Continued work with Python. Finished my progress report and timelog that will be submitted this week. |
| 11/18/20 | 2 | 167 | * Worked with database |
| 11/20/20 | 4 | 171 | * Continued with my database, however I had to restart. My columns were not set up how I wanted and my attempts to correct this ended in a mess. |
| 11/21/20 | 5 | 176 | * After finalizing my setup and adding animals to my database, I encountered problems integrating the database into my main python file. |
| 11/22/20 | 6 | 182 | * Tried to fix the problem, however I made no progress. The last three hours were spent creating and uploading the video because of recording software issues. |
| 11/23/20 | 2 | 184 | * Gave up trying to fix issues with python. Instead of trying to call from my other python files, I directly wrote the necessary code into my main file. It is not as elegant, however it has fixed the issue and I am able to work with my database in the main file. |
| 11/24/20 | 3 | 187 | * Checked on other deliverables in preparation for the end of the course. Added some popups into the app. |
| 11/25/20 | 7 | 194 | * I am stuck on making my kivy code read my database. It is stuck and will not pass the variable to kivy. This is frustrating because I feel this is the last thing I need to get the code to work. |
| 11/27/20 | 5 | 199 | * Still working on the issue with Kivy I stated earlier. |
| 11/28/20 | 7 | 206 | * I continued to struggle with trying to figure out why my code is not working. Worked on other documents while taking breaks from main files. |
| 11/29/20 | 9 | 215 | * Put everything I have into the GitHub. Tried to work on project app, but still had no success. Made video and got ready to submit everything I have left. |

**Please add rows as required.**