**Statement of Work (SOW)**

**Project Terra**

**Arbor Animalia**

**353 Opry Mills Dr**

**Nashville, TN 37214**

**6/18/22**

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# **Introduction/Background**

In the real world, we are surrounded by a plethora of living creatures. From the typical household pets like dogs and cats, to the more exotic, such as the aquatic axolotl and egg-laying platypus. For the sake of easily cataloging and and organizing this wide range of animal life, Arbor Animalia is initiating Project Terra, a digital collection of many animals, organized in such a way that the consumer may easily trace creatures’ taxonomical classification up through their own genus, family, order, and so on and so forth.

# **Scope of Work**

The Project Terra project will include the requirement assessment, hardware capability assessment, code implementation, data backups, initial compilation, debugging, and user integration. Project completion will be when the final program compilation is finished and readily available to the consumer to access the full feature set.

This project will be strictly in-house, with no outside contracting being necessary. Further, the established project team will work independently for the allotted time so as to avoid interruption of the organization’s normal operations where possible.

# **Period of Performance**

Project Terra shall run from Saturday, June 16th 2022 to Wednesday, August 3rd 2022.

# **Place of Performance**

All work is to be done remotely by all project participants, regularly meeting virtually to discuss progress and solutions.

# **Work Requirements**

The work required for this project will be rather dynamic, as there is a high initial focus on researching the needed software implementations.

* Project participants are to remain in contact throughout the project, communicating when necessary.
* Code for the project is to be stored and maintained in a shared GitHub repository. This may be accessed and manipulated by the project manager and developers.
* Project participants will research given topics as they present themselves throughout the project lifecycle.
* The client program will be configured so as to communicate with a server to acquire data.
* A user authentication service will be implemented to log users into the program and store these credentials.
* The program will accurately populate and visualize the species of the animal kingdom in such a way as to present their taxonomical situation and relation to other species.

# **Schedule/Milestones**

The below list consists of the initial milestones identified for the Website Redesign Project:

| SOW Release | June 24, 2022 |
| --- | --- |
| Period of Performance Begins | June 25, 2022 |
| App Design Review | July 1, 2022 |
| App Implementation Review | July 8, 2022 |
| Implementation Complete | July 22, 2022 |
| Design and Detail Completion | July 29, 2022 |
| Project Completion Review | August 1, 2022 |
| Project Closure/Archives Complete | August 3, 2022 |

# **Acceptance Criteria**

For the project to be considered acceptably completed, the following are to be met or exceeded:

1. Complete program is sufficiently capable of running on the intended machine without requiring additional user manipulation beyond the initial install.
2. The client program is capable of communicating with the server(s) needed for any data.
3. The program has a log-in mechanic allowing users to log into the app for access and user data exchange with the server(s).
4. Animal names, taxonomy, and photos are to be readily viewable by the user.

# **Other Requirements**

Participants are allowed to work remotely and at their own pace as long as deadlines are met. All members that do so must join the company discord server.

**Acceptance**

Approved by:

Date: 6/23/2022

<Faculty Name> Ben Gagliano

<Faculty Title> Project Manager