**Use Case Document**

**Project Terra**

**Arbor Animalia**

**353 Opry Mills Dr**

**Nashville, TN 37214**

**6/18/22**

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# **Introduction**

This Use Case has been developed for Arbor Animalia's new system for exploring and learning the tree of life. Project Terra will allow for users of the application to traverse a taxonomy tree and learn abouts specific species found in the wild. Project Terra will be designed to allow easy use to any user..

# **Explanation of Use Case Contents**

Name of Use Case: Provide a short name for the use case which should lend itself to the objective of the system.

Description: This section should provide a description of both the reason for using the use case and the expected outcome of the use case.

Actors: Actors may be primary or secondary. Primary actors are the people who will be initiating the system described in the use case. Secondary actors are those who will participate in the completion of the use case.

Precondition: This section should describe any conditions that must be true or activities that must be completed prior to executing the use case.

Postcondition: This section should describe the state of the system at the conclusion of the use case. Postconditions may include conditions for both successful and unsuccessful execution of the use case.

Flow: This section should describe all actions of the user and the expected system responses for planned normal execution of the use case. The description should be sequential and provide adequate detail to understand all user actions and system responses.

Alternative Flows: Many use cases have varying or special extensions or conditions which are separate from the main flow but also necessary. Alternative flows are usually the result of options or exceptions built into the use case which may alter the primary flow.

Exceptions: When use cases are executed, there may be various conditions which result in errors. This section should describe any errors that may result during use case execution and how the system will react or respond to those errors.

Requirements: This section should describe any non-functional or special requirements for the system as the use case is executed. These requirements may consist of legal or regulatory requirements, quality standards, or organizational requirements that are outside of the functional requirements the system is expected to perform.

# **Use Case**

| **Name of Use Case:** | Project Terra | | | |
| --- | --- | --- | --- | --- |
| **Created By:** | Arbor Animalia | | **Last Updated By:** | B. Gagliano |
| **Date Created:** | 7/22/22 | | **Last Revision Date:** | 7/22/22 |
|  | |  | | |
| **Description:** | | An application used to explore the taxonomy tree and wildlife | | |
| **Actors:** | | Arbor Animalia, Consumer | | |
| **Preconditions:** | | 1. Consumer has Downloaded the App onto a mobile device  2. Consumer has an Gmail Account | | |
| **Post-conditions:** | | 1. Consumer has free access to app features  2. Consumer can log out of app | | |
| **Flow:** | | 1. Consumer logs into app with Gmail account  2. Arbor Animalia send information about animals  3. Consumer uses app to learn about animals  4. Arbor Animalia saves history of consumer | | |
| **Alternative Flows:** | | 2. In step 2 of the normal flow, if the consumer can’t receive data  1. Arbor Animalia will reestablish the system connection | | |
| **Exceptions:** | | 1. In step 1 of the normal flow, if consumer has no account  1. consumer can go to google and create a new account | | |
| **Requirements:** | | The following requirements must be met before execution of the use case  1. The app is properly working  2. The consumer has a mobile device | | |