

CS5760 - Human Computer Interaction & Usability Testing

Spring 2024

Application name: MI Herp Atlas Mobile App

Evaluation Assignment 2 – User Goals Document

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Application

- **Name:** *MI Herp Atlas Mobile App*
- **Description:** MI Herp Atlas Mobile App is an application for recording observations of Amphibians (frogs, toads, and salamanders) and reptiles (turtles, snakes, and lizards) in Michigan to know the population change for conservation purposes. This will be used by citizens from all age groups to record observations and upload a photo directly from their phone even without the internet connection and the data will get synced when connected to the internet. One of the benefits of this application is it has real time accessibility which helps to keep the data up to date which helps to make conservation strategies and also be used for educational purposes and to raise awareness about the endangered species to the local people.

Users

Types of Users	Description	Expected Age	Expertise in Technology	Role & Goals
Local People	People residing in local environment	15+	Beginner to Advanced	Make observations and learn about the species existing and share with others/community
Researchers/ Scientists	Professionals who are studying herpetofauna and fields related to this	25+	Advanced	Collecting data and making research so that it can be used in contributing towards scientific knowledge
Wildlife Enthusiasts	People interested in wildlife and their conservation	18-80	Intermediate to Advanced	Engaging in making observations and learning about herps and species
High School & Middle School Teachers	Teachers who are educating students about environment and ecology	25+	Beginner to Advanced	Using data to educate students and making them aware about the environment
High School & Middle School Students	Students who are interested in knowing about different species in existing in their surroundings	12-18	Beginner to Advanced	Contributing to making observation and using the data in making science projects.

User Goals

Types of Users	Goals
Local People	<ul style="list-style-type: none">○ Be able to easily record observation about herpetofauna they encounter.○ Learn about species and their ecosystem.○ Make contributions to the data so that it is available to educate other community/people about the endangered/extinct species (in future)
Researchers/Scientists	<ul style="list-style-type: none">○ Collect data for research projects and analysis.○ Monitoring the movement of species and their activities throughout the year or lifetime○ Contributing to share insights for educational purpose
Wildlife Enthusiasts	<ul style="list-style-type: none">○ To identify species in the surrounding environment and learn about its features and share insights with others.
High School & Middle School Teachers	<ul style="list-style-type: none">○ Using to educate students in the field of environmental science.○ Engaging students to be a responsible human being by learning about different conservation techniques to save endangered species.
High School & Middle School Students	<ul style="list-style-type: none">○ Learn in an interactive way about the species existing in the nature.○ Using data to make science projects and feel empowered by contributing to make a difference in the environment.