

Forest Frames

Mentor

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Dalton Tippings



Daniel Austin



Nick Greco

General Overview

- Monitoring essential biodiversity variables
- Importance of gathering data in rarely reported locations
- Citizen Science - community contribution
- Incentives for gathering that data
- Our group - 2nd layer of security

Dr. Camille Gaillard



Not Pictured

Dr. Chris Doughty

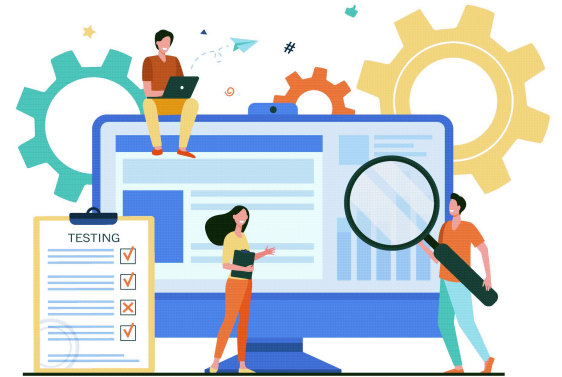
Dr. Duan Biggs

Dr. Jenna Keany

Providing Opportunity while Verifying Citizen Science

- Collect audio and visual data
- Verify data collected
- Provide financial incentive for locals
- Functions well on low performance systems
- Works in rural areas with poor connection

Android



Solution

- We will get requirements in stages and implement as needed
- Memory-efficient Server-side verification processing
- Compatibility w/ Citizen Science apps
- Use languages best suited to the environment
- Initial implementation on Android Phone OS



Closing

- Post-collected data verification with official outside sources
- Integration with current and future Citizen Science apps
- Accurate data used for progressing world conversation

Thank you for listening to our
presentation