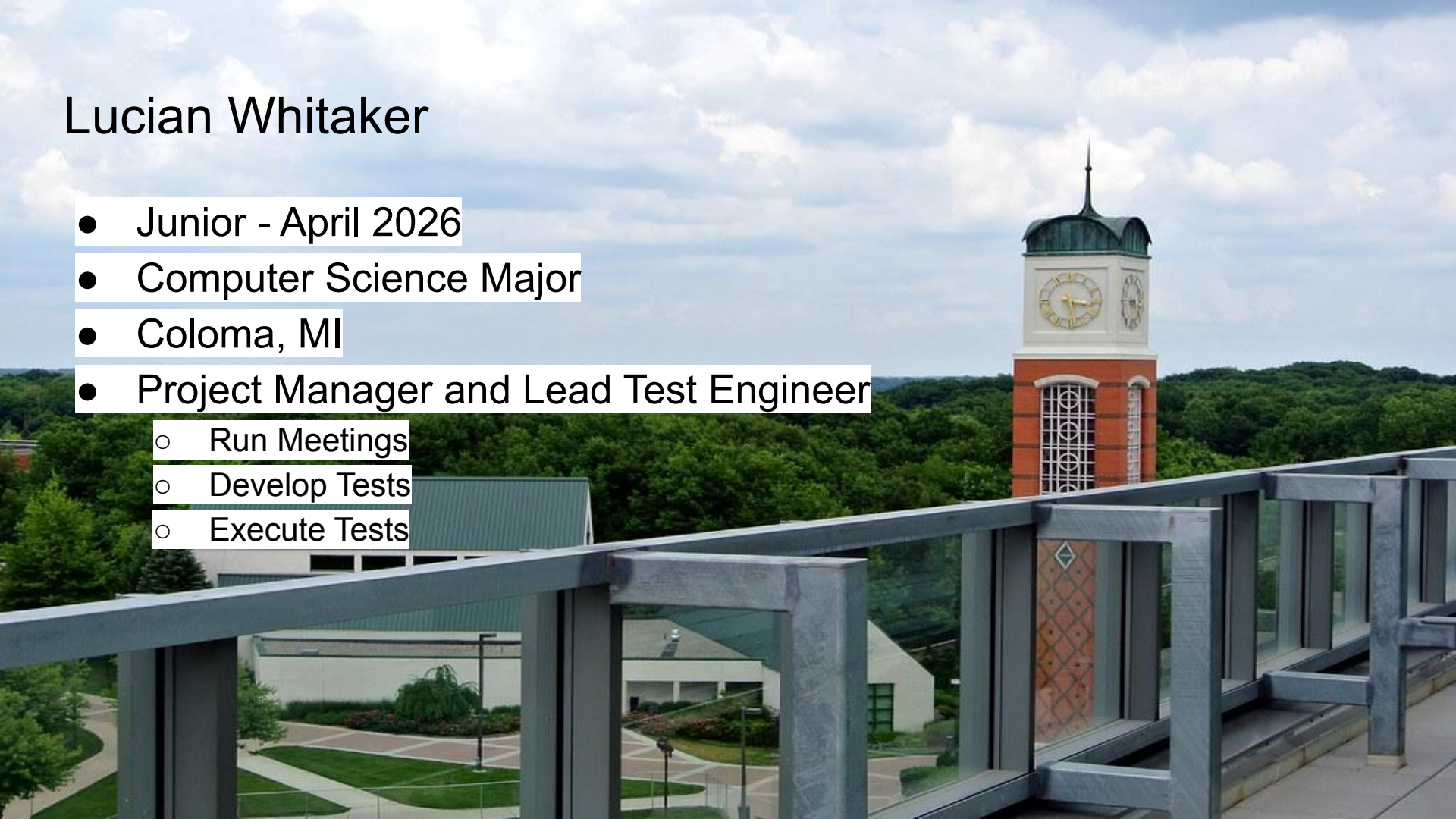# Zookeepers

By: Yash Hazari and Lucian Whitaker

# Lucian Whitaker

- Junior - April 2026
- Computer Science Major
- Coloma, MI
- Project Manager and Lead Test Engineer
  - Run Meetings
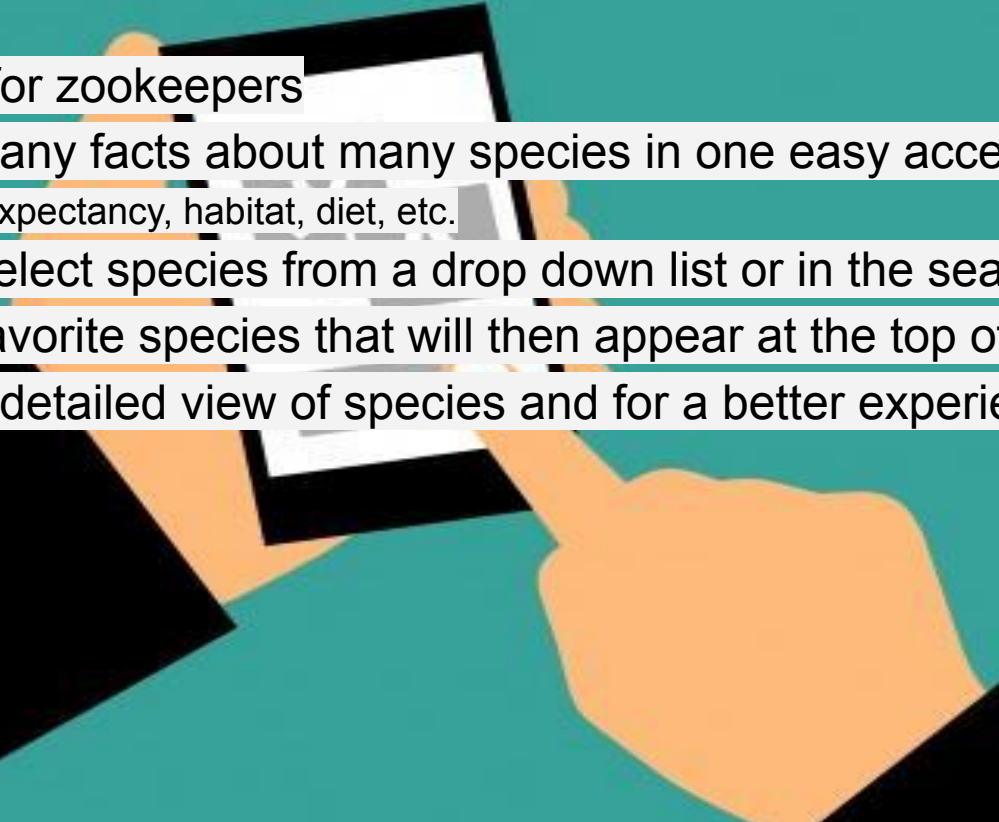  - Develop Tests
  - Execute Tests

# Yash Hazari

- Junior - December 2025
- Computer Science Major
- Otsego, MI
- Lead SW Engineer and Repository Manager
  - Develop project code
  - Update the GitHub repository
  - Upload new files into appropriate spot of repository

# Project Description

- Application for zookeepers
- Allows for many facts about many species in one easy access spot
  - Avg. life expectancy, habitat, diet, etc.
- Users can select species from a drop down list or in the search bar
- Users can favorite species that will then appear at the top of the drop down
- Allows for a detailed view of species and for a better experience for visitors

| Task: | 9/16-9/29 | 9/30-10/13 | 10/14-10/27 | 10/28-11/10 | 11/11-11/24 | 11/25-12/1 | 12/2-12/8 |
|---|---|---|---|---|---|---|---|
| Requirements | Both | | | | | | |
| System Analysis | Both | | | | | | |
| SW Design | | Yash | | | | | |
| User Accept. Test Dev. | | Lucian | | | | | |
| SW Dev. | | Yash | Yash | Yash | | | |
| Unit Test Dev. | | | Lucian | | | | |
| Integration Test Dev. | | | Lucian | Lucian | | | |
| Unit Testing | | | | Both | | | |
| Integration Testing | | | | Both | Yash | | |
| System Test Dev. | | | | | Lucian | | |
| System Testing | | | | | Both | | |
| User Accept. Testing | | | | | | Both | |
| Document/Touch Up | | | | | | | Both |

Legend:
- Both (red)
- Yash (cyan)
- Lucian (green)

# Project Time Goals

- Time goals were maintained throughout the project
- Made sure to get each step relatively done before moving forward
- Noticed that some steps took longer than others so allocated enough time to complete each step with ease
  - SW Dev. took a bit longer than planned, but testing was shorter than planned to balance

# Since Mid Term

- Added data library for animals' data
- Added images
- Formatted information display
- Labeled search bar
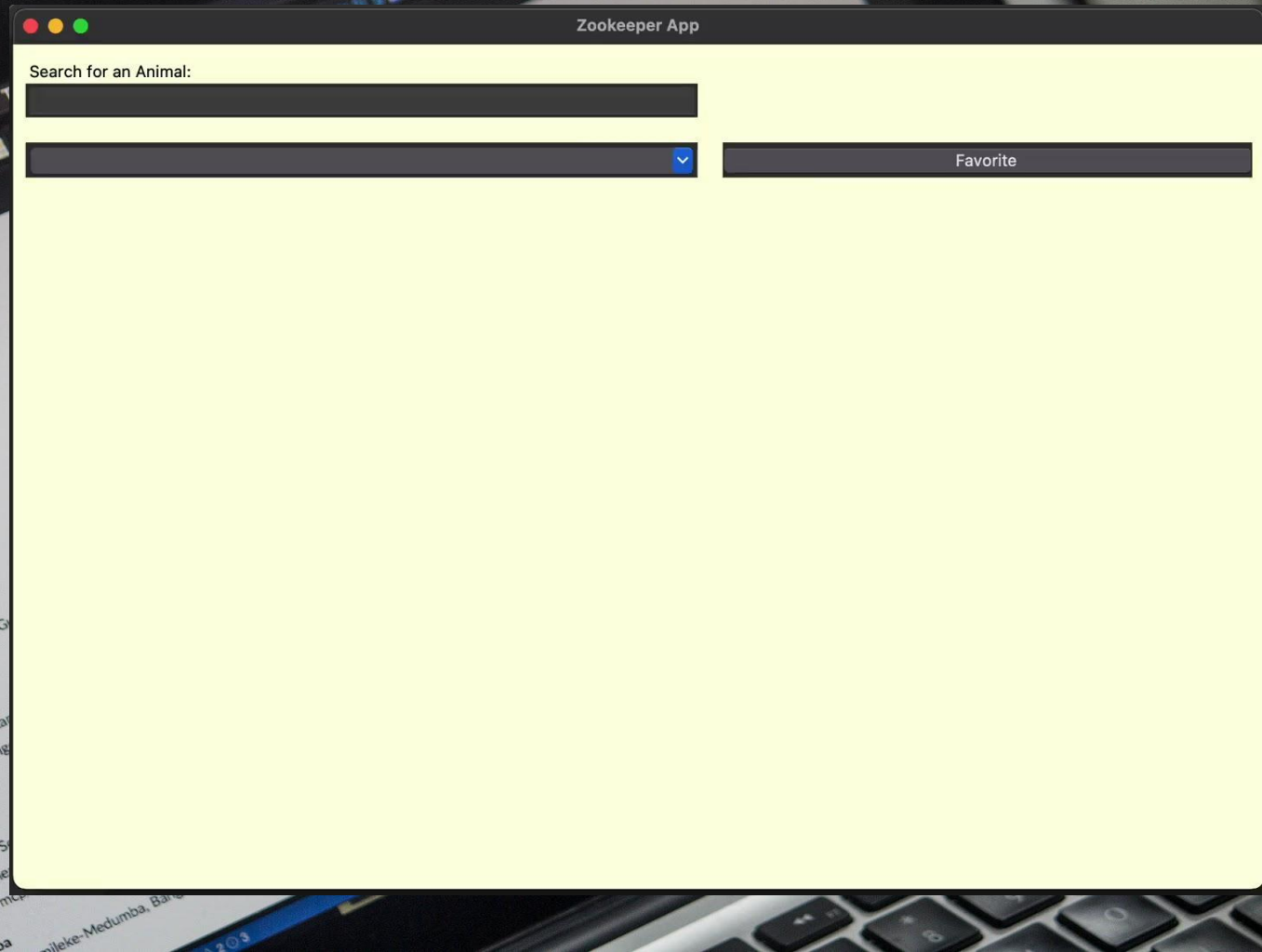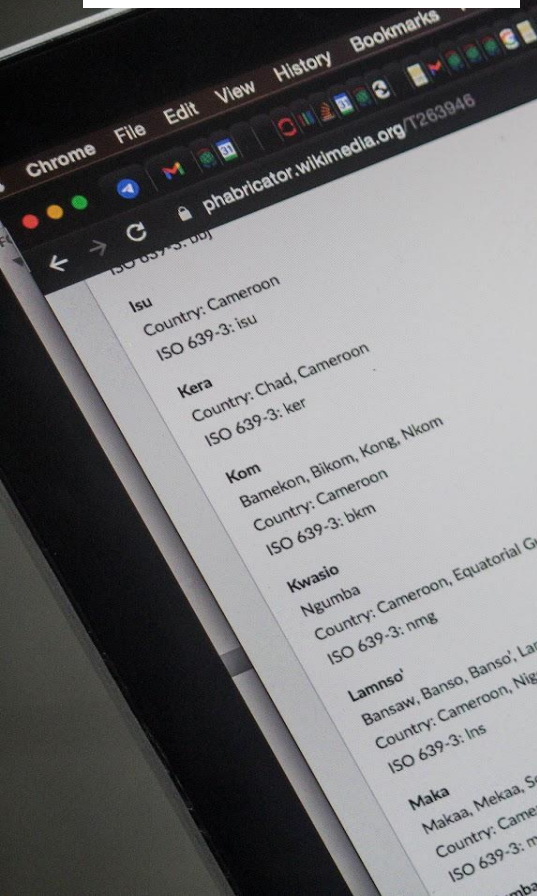- Added species
- LOTS of testing

# Project Changes

- Accessing information from the data library
  - Used a different data library than originally intended
- Information Displayed
  - Changed what information was displayed to show less commonly known information

# Process Challenges

- V-Model
  - Has a bit too much testing
  - Difficult to use in our short time
  - Hard to implement in JIRA
    - Sprints don't make sense in JIRA

Demonstration

Questions?