Anushka Shankar, Daniel Cho, Laasya Machineni

Animal Finders

Idea:
Develop a program that organizes animals by their taxonomy, family, era of existence. Can include location, close relatives, and other information.

Input: Can be a name or a DNA/RNA sequence
Output: Information about the animal (including DNA, RNA, habitat, notable features, conservation status, etc.)

Purpose: To have a streamlined way of finding specific information about animals

Coding Language:

Timeline:
Find databases (land mammals)- need to find DNA/RNA sequences and connect that to page with information about that animal
- Name, family, location, habitat, status, link to a website about them
- Tantivy (pre-built inside rust)
- GenBank, Sequence Read Archive

Get coding/back-end stuff (searching system)

Polish front-end

Questions to ask: