

Third Huge Freckled Elephant

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P0 - Quick! Quick!

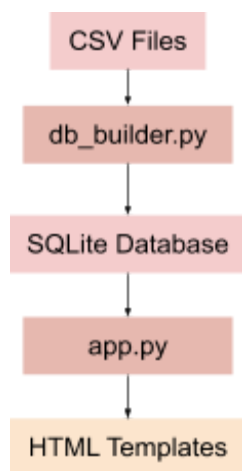
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Topic: African Safari Animals (hence the Elephant in Third Huge Freckled Elephant)

Program Components + Relation:

- CSV Files: provides the data for the SQLite Databases
- Database Builder: python file that creates SQLite tables
- SQLite Database of Articles: creates tables to organize information
- Flask App: serves as the framework for the website and connects front and back end
- HTML Templates and CSS: makes information user-friendly and easy to navigate

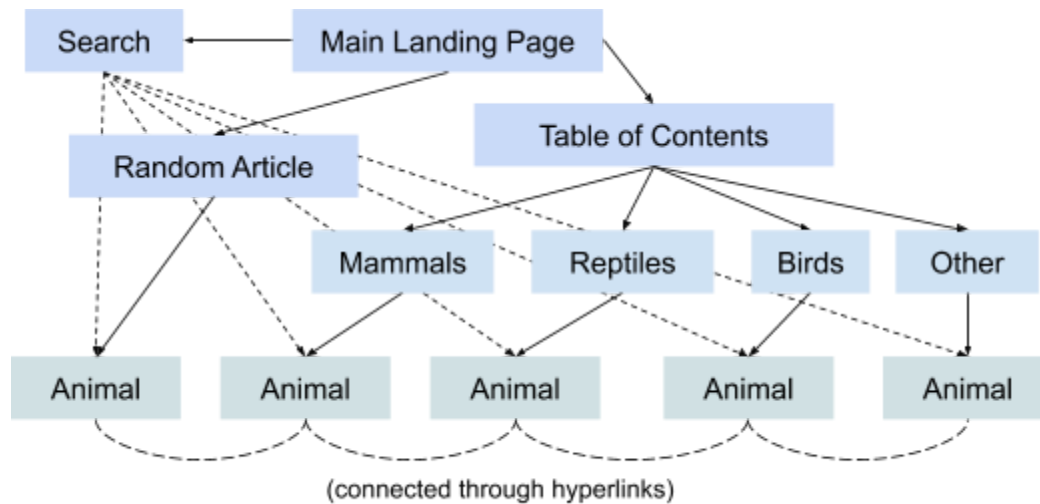
Component Map:



Database Organization:

- Database will organize the types of articles and information in the articles
- Table of different articles
 - Group articles by subtopics
 - Each article will be differentiated and organized by specific data
 - Ex. animal classification

Site Map:



Pages:

- Main Landing Page
 - Search Engine
 - Random Article
 - Table of Contents
- Article Pages

Linkages:

- Links to each article from the list of articles (table of contents)
- Logo to link back to main landing page as header on every page
- “Random article” link on landing page → takes to randomly chosen article
- Menu Bar to redirect to landing page
- Hyperlinks within articles will redirect to relating articles

Breakdown of Tasks (to be divided as move forward):

- Search Feature
- Random Article Generator
- Database of Articles
- HTML/CSS
 - Create Article Pages
- Flask App
- Create requirements.txt
- Create README.md