**Flora & Fauna Final Presentation**

**Overall idea of the project**

**Nathan**

Flora & Fauna

* Hook
* Team name
* Individuals say names
* Overall idea: The Flora & Fauna application allows users to discover nearby species and acquire additional descriptive information about species. The application was created with wildlife experts and nature enthusiasts in mind.
* Map of presentation
  + Project objectives
  + APIs
  + Implementation and tools we used
  + Demonstration of application and its features

**Project objectives/features**

**Kaleigh**

Objectives

* Search and filter
* Nearby species discovery
* Acquire additional species information
* View map of species observations
* Store personal recordings

**Steven**

API

* ITIS
* EoL
* BISON

**Kaleigh**

Implementation

* Android Studio
* Java
* JSON
* XML

“Let’s show you those features in action.”

**Live demo**

Shelby

Full common name: Search **Red Fox**, select **Red Fox**

Steven

Species Info page: click **View EoL** link, select **back button**

Shelby

Partial scientific name: search **lerema** (particular type of butterfly)

Brad

County: search **bossier, la**

Load more: click **load more**

My Location: switch to filter by **My Location**, click **filter**

Kaleigh

Kingdom: switch to filter by **Kingdom**, type in **plantae,** click **filter**

State: search **me**

Genus: switch to filter by **Genus,** type in **corvus**, click **filter**

What’s Around Me: click **what’s around me**

Brad

Map page: move to **Map page**

Common name by state: type in **American robin, la**

Scientific name by county: type in **mimus polyglottos, lincoln**

Nearby sightings (common name): **Northern mockingbird**

Chris

Settings radius: move to **Settings**, increase radius to **10**, return to **Map pag**e, reshow **northern mockingbird** search with **Nearby sightings (common name)**

Brad

Help page: move to **Help page**

Shelby

Upload picture from gallery (name and description)

**Select image** from internal storage

**Set** a name and description for image

**Save** on PR page

Group photos into folder

**Select** another image

**Create** a new folder

**Save image** in folder

Chris

Fullscreen image: click on an **uploaded image**, **scroll** show image with

description underneath.

Show deletion: click on the **‘X’** on an image, and **confirm delete**

Nathan

Clear History: move to **Search page**, show history by typing in **r**, move to **Settings**, click **Clear History**, go back to **Search page**, show how history is now cleared by again typing in **r**

Theme change: move to **Settings**, change Theme to **Blue**

**Input list**

* Red fox
* Lerema
* Bossier la
* Me
* Plantae
* Corvus
* American robin la
* Mimus polyglottos lincoln
* Northern mockingbird