

Catalogue Planning Document

Topic

My catalogue will include plants that can be foraged in Alberta for medicinal or other uses. These plants may or may not be indigenous to the area (ex. taraxacum).

Challenge Items

My three challenge items are:

1. Pagination of the 'browse' page and all search results.
2. An 'added by' and 'last edited' feature.
3. Allow admins to edit all item photos.

Page Features

1. The index will welcome the user and explain the project.
2. The browse page will allow the user to view all of the items in the catalogue. Each item will be a preview card with a 'view' button to take them to the single record page. It will be paginated, can be sorted, and the user will be able to apply various filters (based upon growth habit, life cycle, and family).
3. The login page will have a simple login form that begins a session and allows an authenticated and authorised user to access the admin area.
4. The admin area ...

... etc.

Directory Structure & Files

catalogue/

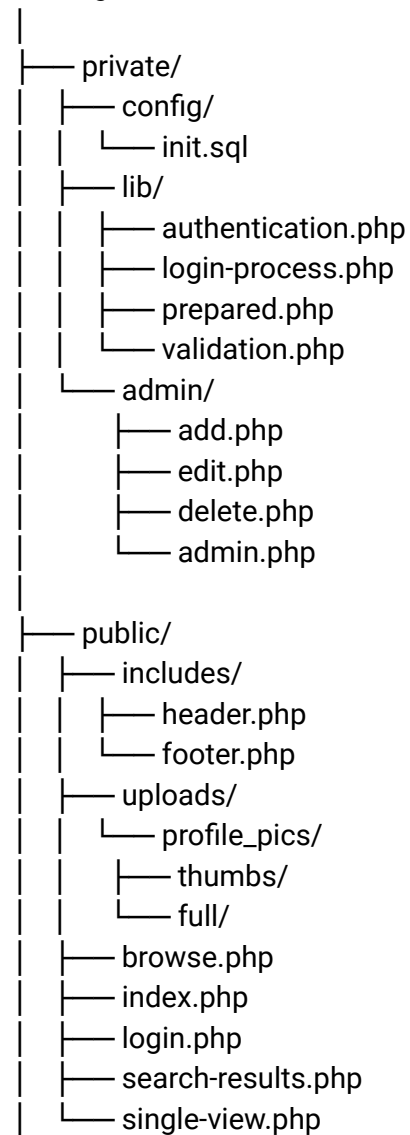


Table Design

```
CREATE TABLE plants (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    image_filename VARCHAR(255),  
    common_name VARCHAR(255),  
    latin_name VARCHAR(255),  
    family VARCHAR(255),  
    growth_habit VARCHAR(255),  
    life_cycle ENUM('Annual', 'Perennial'),  
    height_and_spread VARCHAR(255),  
    conservation_status ENUM('Not Evaluated', 'Data  
Deficient', 'Least Concern', 'Near Threatened',  
'Vulnerable', 'Endangered', 'Critically Endangered',  
'Extinct in the Wild', 'Extinct'),  
    special_features_or_uses TEXT,  
    how_to_identify_forage TEXT,  
    date_added DATETIME,  
    date_edited DATETIME  
);
```

```
CREATE TABLE `users` (  
    `account_id` int(3) NOT NULL,  
    `users` varchar(16) NOT NULL,  
    `hashed_pass` varchar(72) NOT NULL  
);;
```

Sample Item

Dandelion



Taraxacum officinale

Family: Asteraceae

Growth Habit: Herb

Life Cycle: Perennial

Height and Spread: 2-18 inches

Used in herbal medicine and as food. Must be picked when younger in order to avoid bitterness. The root is usually dried, ground, and used as a tea or coffee substitute.

Foraging Notes

Look for serrated leaves and bright yellow flowers.

Conservation Status

Least Concern