

Eat the Weeds WA Project

By: Christie Tanjaya

Concept:

Eat the Weeds WA aims to provide a resource for people to identify and gather information on what wild growing plants (weeds) are available and edible in our local ecosystem. Most resources on weeds and wild growing plants in WA focus on either wild bush food or eradication methods for native or invasive weeds. The goal of the site is to bring the rising global movement of foraging and permaculture and simplify research and enable uptake in our own backyards.

Specifications:

Product Specifications	Target Audience
<ul style="list-style-type: none">• Multi page website• Json data storage	<ul style="list-style-type: none">• General audiences interested in local foraging.• 12-60

Features:

MVP Features	Stretch Features
<ul style="list-style-type: none">• Database of edible weeds local to WA• Entry of Weeds to include<ul style="list-style-type: none">◦ Names and classification◦ Geography◦ Growing seasons◦ Broadleaf vs Grass<ul style="list-style-type: none">■ Broadleaf leaf shapes◦ Features and identifying elements◦ Image◦ Edibility◦ Further reading• Search Function by name• Gallery of all WA database entries	<ul style="list-style-type: none">• Identification guide of common weed types (Grass and broadleaf)• About the developer page• Buy me a coffee integration
	Possible Future Developments <ul style="list-style-type: none">• Database of edible weeds local to Northern WA specifically (subject to data availability)• Database of edible weeds local to Central WA specifically (subject to data availability)• Database of edible weeds local to Southern WA specifically (subject to data availability)• Broadleaf search function by leaf Shape

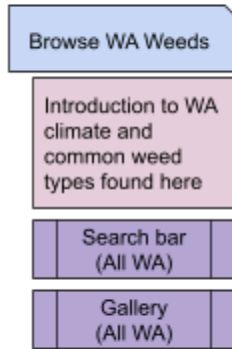
User stories:

MVP Features	User Story
Database of edible weeds local to WA	As a local forager, I would like to have a database of common weeds local to me in Perth and surrounds so that the information is as relevant to me as possible
Entry of Weeds to include <ul style="list-style-type: none">• Names and classification• Geography• Growing seasons• Broadleaf vs Grass<ul style="list-style-type: none">◦ Broadleaf leaf shapes• Features and identifying elements• Image• Edibility• Further reading	As a local forager, I would like to have a comprehensive list of information per plant entry with resources and further reading provided so that I don't have to google, spend hours verifying sources, etc.
Search Function by name	As a local forager, I would like to be able to search by common names so that I can find the one I wanted again
Gallery of database entries	As a local forager, I would like to be able to browse a gallery of the weeds so that I can identify it by visual where I can't remember the name

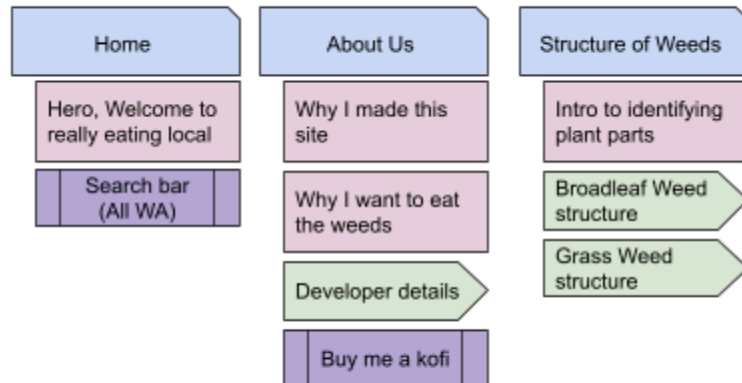
Stretch goals and Future Features	User Story
Explanation of common weed types (Grass and broadleaf)	As a local forager, I would like to learn how weeds are structured and what to call parts for identification so that I can use the identification guide on each weed entry to identify the plants
Broadleaf search function by leaf Shape	As an experienced local forager, It would be super convenient to be able to sort or filter weed results by leaf shapes and plan configuration so that I can use my experience to quickly narrow down possibilities in plants

Site Structure Plan

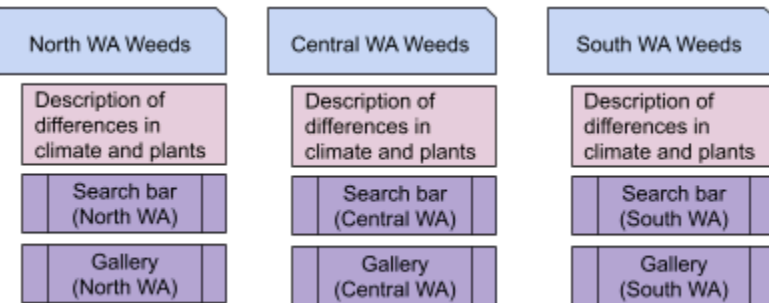
Page content plans



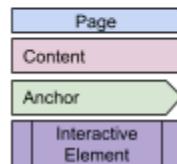
Stretch Goals



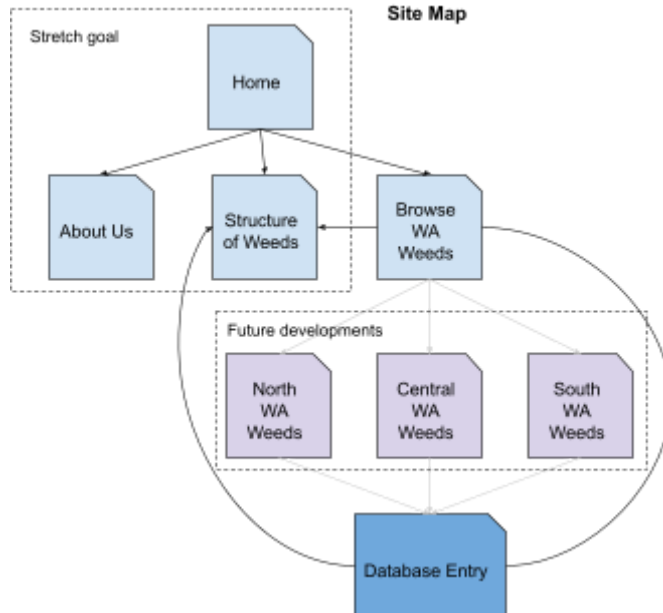
Future Developments



Legend



Site Map



Data Structure

Possible values:

ID	Locale	Classification		Name		Geography	Growing Seasons	Image	Description	Edibility		Further Reading
		Family	Identification	Scientific Name	Common Names					Edible	Edible Parts	
single number	WANOR	Broadleaf	Leaf arrangment	single string	multiple strings	string paragraph	string paragraph	image	string paragraph	bool	Flower : (bool)	multiple links
	WACEN	Grass	Opposite			image	image	source : link		source : link	Stem : (bool)	
	WASOU		Alternate			source : link	source : link				Leaf : (bool)	
			Rosette								Root : (bool)	
											source : link	
			Leaf Shapes									
			Oval									
			Elongated oval									
			Oblong									
			Linear									
			Egg									
			Club									
			Spear									
			Arrowhead									
			Heart									
			Reverse									
			Triangular									
			Kidney									
			Round									
			Leaflets									
			Trifoliate									
			Leaf Apex and Base									
			Notched tip									
			Notched base									
			Truncated									

Sample Entry:

```
{
  "ID": "000",
  "Name": {
    "Scientific_Name": "",
    "Common_Names": []
  },
  "Locale": ["WACEN"],
  "Plant_Family": "Broadleaf",
  "Geography": { "desc": "", "image": "", "source": "" },
  "Growing": { "desc": "", "image": "", "source": "" },
  "Image": "",
  "Description": "",
  "Edibility": {
    "Edible": true,
    "Edible_Parts": {
      "Flower": true,
      "Stem": true,
      "Leaf": true,
      "Root": true,
      "Source": ""
    }
  },
  "Further_Reading": ["", "", ""]
},
```

Wireframes

