



Naturdoc

DS: Anna and Aljoscha

WD: Rose and Christina

UX: Eugenia and Luzie

Mentors: Rafael Saraiva and Soma Hargitai

Problem

How to find the right natural remedies for an ailment

Solution

Create a website that can match the users' symptoms/disease to the right medication/treatment

Major Challenges and Wins so far:

Wins:

- Clear project scope, MVPs and stretch-goals. Finding the correct features for the project.
- DS: exploration and enrichment of datasets
- WD: on track with planned development. Searchbar functional.

Challenges:

- UX: Creating a Design concept that matches the user needs.
- DS: balancing expectations: desired information vs. data that is realistically attainable
- DS: “weight” the data (herbs)/creating a rating system
- WD: time management production vs. dependent deliverables from other teams
- WD: Distribution of responsibilities between DS and WD (which endpoints are managed by whom and how connects to FE)

How do different tracks contribute?

UX:

- Researching the different user needs and options.
- Designing a product that fits our vision while also being functional and pleasing.
- User paths and personas



WD:

- Pr Mgmt: Product Backlog (Epics, user stories, priorities)
- React App basis
- Integration UX design
- Backend: Database setup (sampled data so far), rating of remedies, user login


DS:


- Research of datasets and other sources of data
- Scraping
- Provide a useable dataset
- Coordinate on database and endpoints with WD


User Path - Startpage and Results




Pick your symptoms

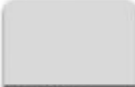
symptom1 

symptom2 


symptom long text 

Search now 

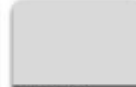
Recommendations for Allergies




Headache, fever
Remedie 1




Headache, fever
Remedie 3




Headache, fever
Remedie 3





Headache, fever
Remedie 1




Headache, fever
Remedie 3





Headache, fever
Remedie 3





We are processing
your request







These are your symptoms:



symptom1 


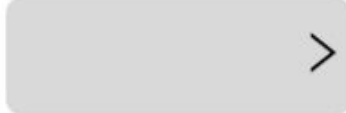
symptom2 


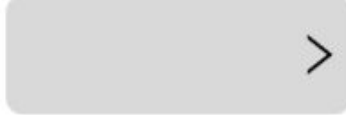
symptom long text 

Modify 

150 results







User Path - Login

X

Login with your Naturdoc Account

Your E-Mail

Your Password

SIGN IN

[Get a new password](#)

or

CREATE ACCOUNT

X

Create an Account

Your E-Mail

Your User Name

Your Password

CREATE ACCOUNT

or

LOGIN

SEARCHBAR DEMO

Naturdoc

LOGIN



— Pick your symptoms

0 matching remedies

Example of a Database Entry:



Name:

- **Scientific name:**
 - *Centella asiatica*
- **Common name:**
 - *Asya Sutasi, Pennywort, Marsh, Pegaga, Brahmi, ...*
- **Vernacular names:**
 - *Artaniyae-hindi, Asiatic pennywort, barmanimuni, barmi, bhram buti, boa- bok, bodila-ba-dinku, bokkudu, brahma manduki, brahmi ghi, brahmi-buti, brahmi, bua bok, ...*

Geographical information:

- **Continent:**
 - *AFRICA, ASIA-TEMPERATE, ASIA-TROPICAL, AUSTRALASIA, PACIFIC, NORTHERN AMERICA, SOUTHERN AMERICA, ANTARCTICA*
- **Region:**
 - *Macaronesia, West Tropical Africa, West-Central Tropical Africa, Northeast Tropical Africa, East Tropical Africa, South Tropical Africa, Southern Africa, ...*
- **Area:**
 - *Cape Verde, Benin, Burkina, Gambia, Ghana, Guinea-Bissau, Guinea, Ivory Coast, Liberia, Mali, Mauritania, Nigeria, Niger, Senegal, Sierra Leone, Togo, Burundi, ...*

Example of a Database Entry:



Medicinal uses:

- **Activities** (i.e. effect, symptoms/diseases targeted):
 - *Alexiteric, Alterative, Anodyne, Aphrodisiac, Boil, Cancer, Circulation, Convulsion, Dermatitis, Diuretic, Dysentery, Eye, Fever, Hypertension, Infection, Insanity, Insecticide, ...*
- **Clinical medicine:**
 - *Treatment of wounds, burns, and ulcerous skin ailments, and prevention of keloid and hypertrophic scars. Extracts of the plant have been employed to treat second- and third-degree burns...*
- **Traditional medicine:**
 - *Herba Centellae is reported to be used in the treatment of leprosy ulcers and venous disorders.*
- **Folk medicine:**
 - *Therapy of albinism, anaemia, asthma, bronchitis, cellulite, cholera, measles, constipation, dermatitis, diarrhoea, dizziness, dysentery, dysmenorrhoea, dysuria, epistaxis, epilepsy, haematemesis, haemorrhoids, ...*
- **Dosage:**
 - *Dried drug for infusion; galenic preparations for oral administration. Powder or extract (liquid or ointment) for topical application. Package in well-closed, light-resistant containers.*
- **Contraindications:**
 - *Allergy to plants of the Apiaceae family.*
- **Warnings:**
 - *No information available.*

Next steps for development

	W1	W2	W3	W4
UX	Fine Tuning Design	Test different prototypes	User Testing and final details	(ALL) Testing, fine tuning, documentation
FE	Result list + login	Dashboard	Design integration + Final DS API integration	
BE	Database access (done) Rating API	User login (pt 1)	User login (pt 2)	
DS	Start work on rec-algorithm Upload data to database	Create a rating system for the herbs in database - "weight" the data	Set up endpoints	