

KNOWHERB

Aña Patricia Canlas

Alexandria Nicole Fernando





Did you know?

Initiated by PhilCare, the study found out that 40 percent of 1,350 respondents from various parts of the country expressed uncertainty on their capability of paying medical bills.

WHAT IS THE PROBLEM?

Hospital expenses were too expensive

Remedy for symptoms are accessible at backyards.

Many are uneducated about the effectiveness of herbal plants and knowing how to use them.

Also, the effectiveness of Hydrotherapies.



What is the Solution?

KnowHerb Mobile App

KnowHerb Purpose

Know means **Alamin**

Herb short for **Herbal**

We had decided to create a Medicine Application, but it is more on Herbal Plants.

We are planning to educate our users.

Since many people don't realize that planting herbal plants and knowing them helps in survival and in urgent times

Many users can still access education about herbal plants without requiring internet connection.



FEATURES



Run offline



Save Favorites



Accessibility



Minimalist

FEATURES



Low specs



Educational



Tagalog



**Supports 6 in to
Tablet Size
Screens**

A close-up photograph of several green leaves, likely from a plant like corn, showing prominent parallel veins. The leaves are arranged diagonally across the frame, creating a strong sense of movement and texture. The lighting is soft, highlighting the natural green color and the fine details of the leaf surfaces.

Whoa!

What helps us to build the
Knowherb Mobile Application?

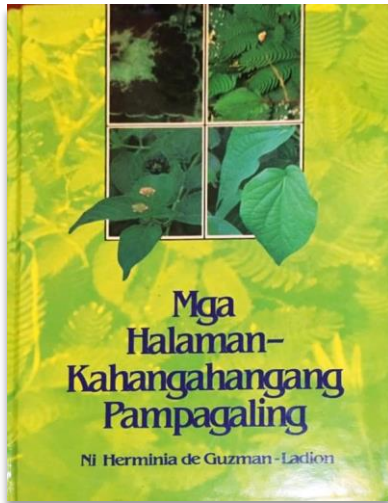
Herminia de Guzman-Ladion

Author

- Naglektura tungkol sa likas na panlunas sa mga paaralan at iba't ibang tagapagpakinig
- Teaching Natural Remedy course in The International Institute of Health, Philippine Union College
- Also the author of Hydrotheraphy
- Chief Physical Therapist in Manila Sanitarium and Hospital
- Chairman of Physical Therapy Department in Manila Sanitarium and Hospital



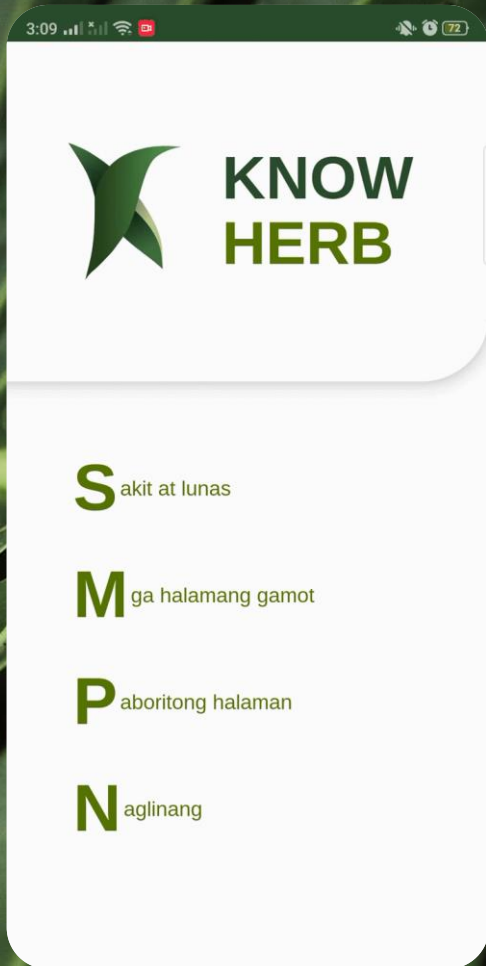
Mga Halamang kahangahangang Pampagaling



Herbal medicine is the use of plants to treat disease and enhance general health and well being and here's the reason why :

- Remedy for Symptoms
- Easy access at home
- More affordable

And the most important thing: we could prevent complications by doing simple herbal remedies.



4 Main Sections



Sakit at Lunas



**Mga Halamang
Gamot**



**Paboritong
Halaman**



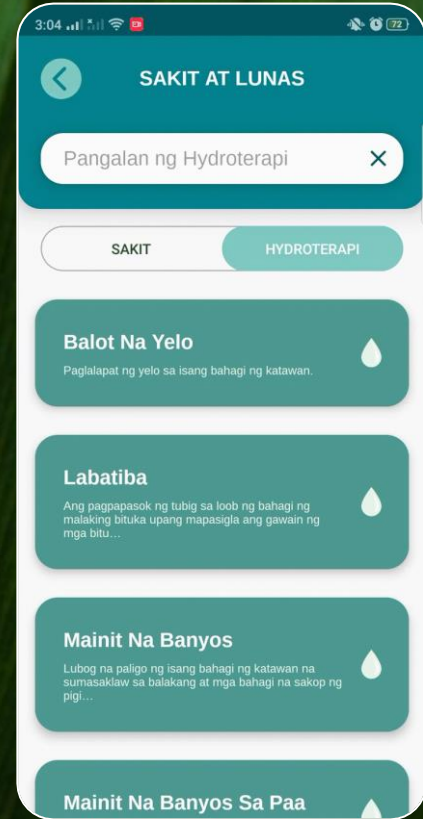
Naglinang

Sakit at Lunas

Sakit at Lunas

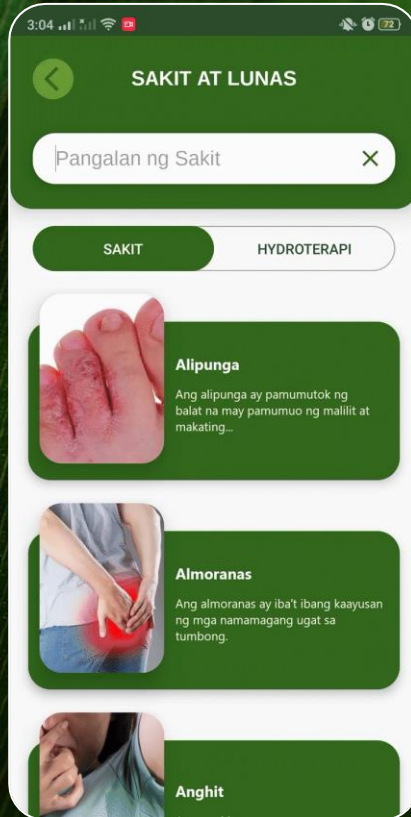
This section includes:

- 40 common illnesses and;
- 13 Hydrotherapy procedures
- Provide List View for easy visibility, with title and short descriptions.



Sakit at Lunas

Easy search - just type a letter and it will suggest all available.



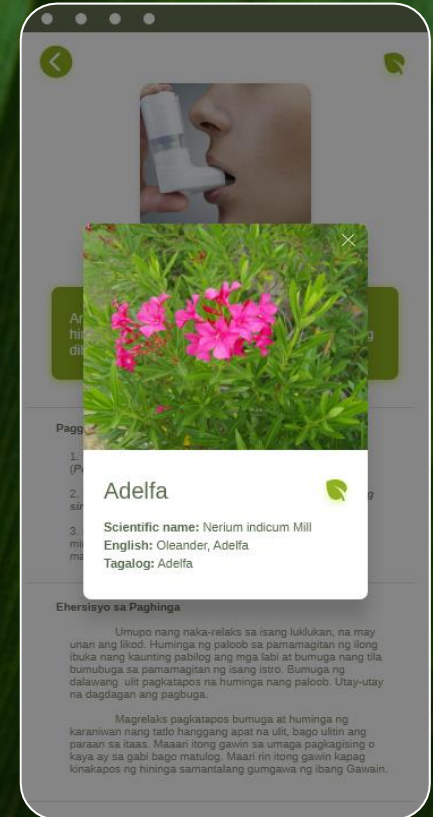
Sakit at Lunas

- Added photos for easy identification.
- Contents are maintained as written in the source.



Sakit at Lunas

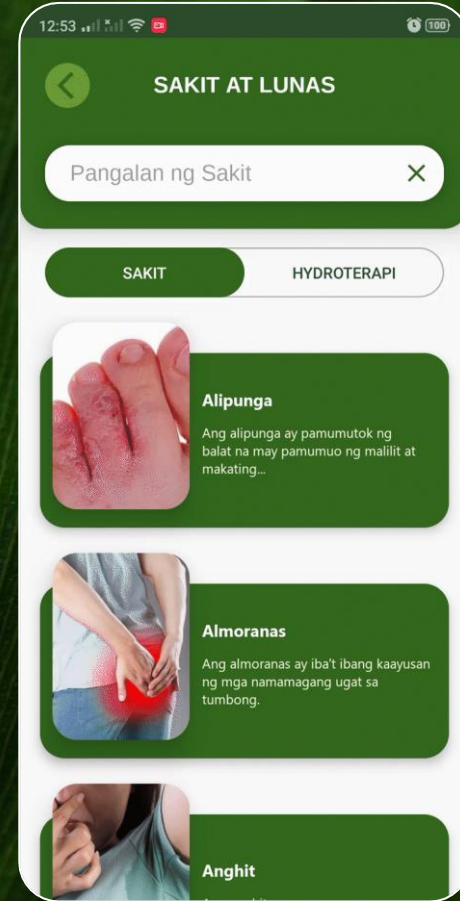
- Added hyperlinks for fast navigation and identification.
- Added proper typeface for easy visibility.

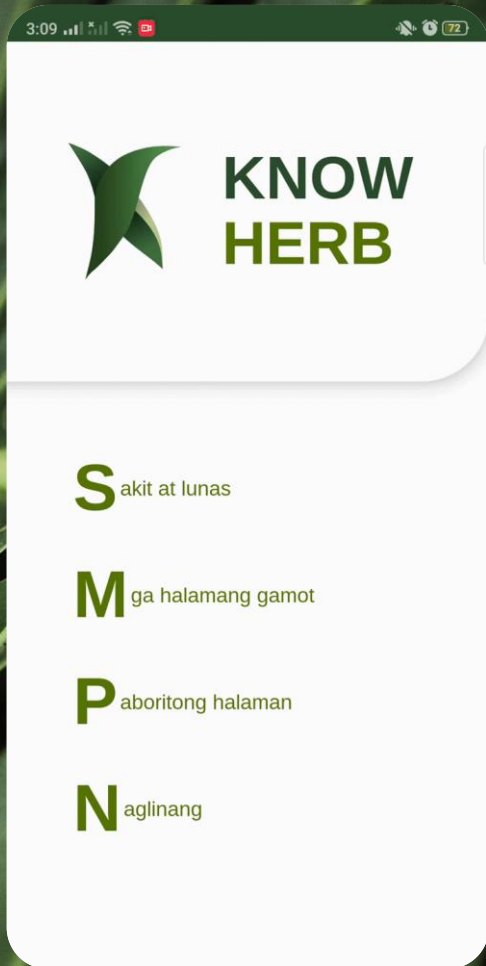


Sakit at Lunas

Better performance

- Based on current development, the application consumes approx. **200 MB** of RAM and **6% CPU** in normal operations and **20% CPU** during activity startup.
- A decent storage requirements for a better user experience.





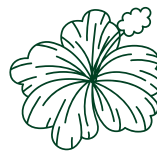
4 Main Sections



Sakit at Lunas



Mga Halamang Gamot



Paboritong Halaman



Naglinang

The background of the image consists of several large, green, elongated leaves, possibly from a banana plant, arranged diagonally. The leaves have a prominent central vein and smaller lateral veins, creating a textured, ribbed appearance. The lighting is soft, highlighting the natural green color of the foliage.

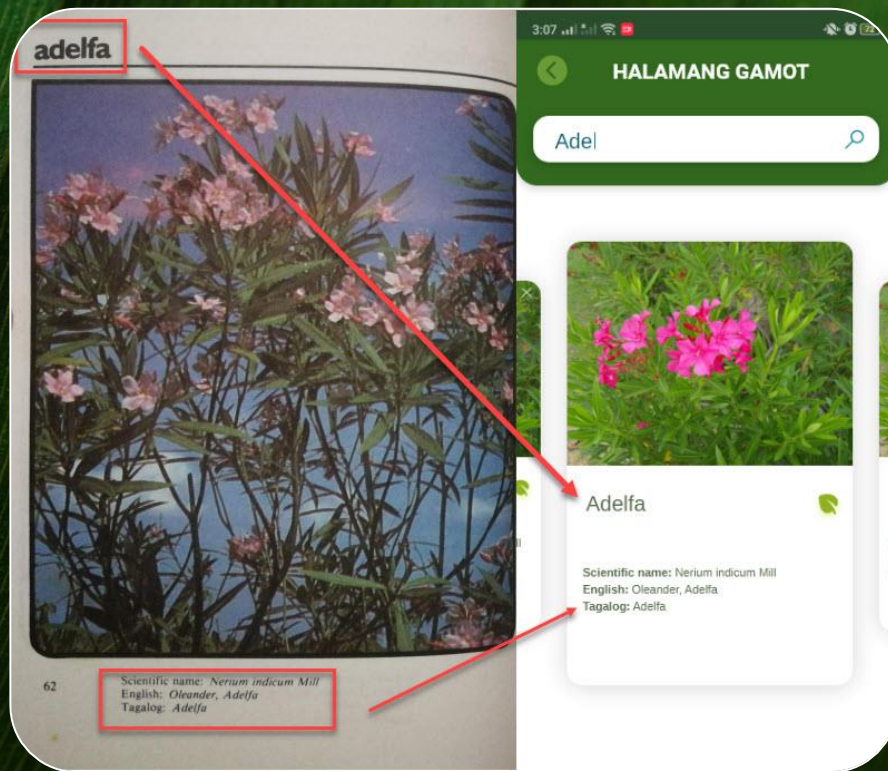
Mga Halamang Gamot

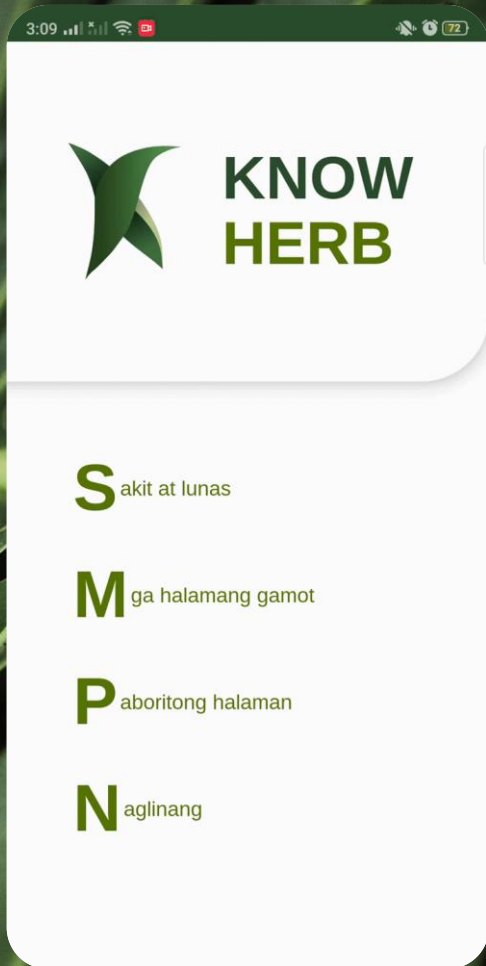
Mga Halamang Gamot

A side to side comparison on how a page from the book is transferred to the **KNOWHERB** application.

- **Added pictures** for plant identification
- Include **common names** for plants. (e.g. Scientific Name, Tagalog Name, English Name)

This section is a **work in progress**.





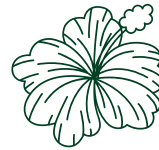
4 Main Sections



Sakit at Lunas



Mga Halamang Gamot



Paboritong Halaman



Naglinang

The background of the image consists of several large, green leaves, likely from a banana plant, arranged diagonally. The leaves are a vibrant green color with visible veins. The lighting is soft, creating a natural and fresh atmosphere.

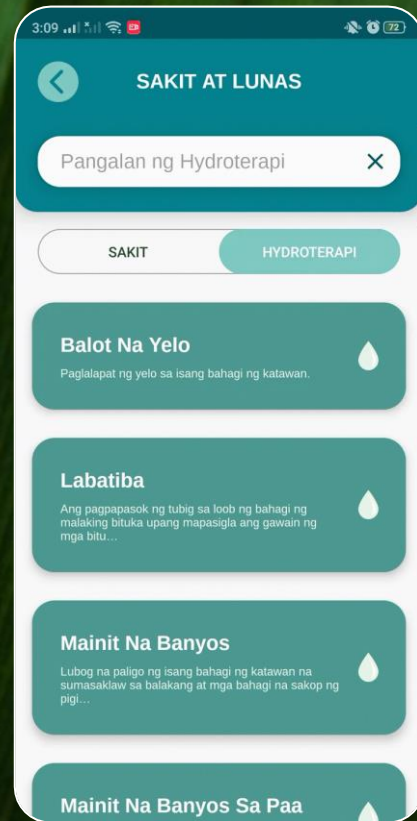
Paboritong Halaman

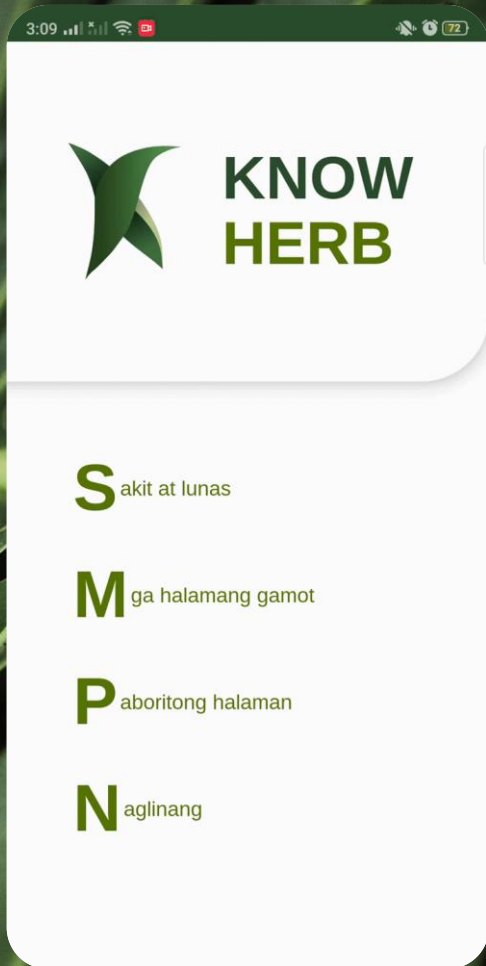
Paboritong Halaman

This section is used for fast navigation when user wants to save something the he/she wanted to read later on.

- All common topics will have favorites buttons

- Sakit
- Hydroterapi
- Halamang Gamot





4 Main Sections



Sakit at Lunas



**Mga Halamang
Gamot**



**Paboritong
Halaman**



Naglinang

A close-up photograph of several green leaves, likely from a plant like a banana or similar, showing prominent veins. The leaves are arranged diagonally across the frame. Overlaid on this background is the word "Naglinang" in a large, white, serif typeface.

Naglinang

Naglinang

- This section includes all attributions and source introduction.
- We introduce the **author** and its background and the book.
- The licenses for assets and APIs.
- And the developers - us MIEOO



User Experience

- Simple design and simple animations
- Adaptive colors based on general topic that the user currently viewing.
- Navigation buttons are properly placed based on standards, e.g. back buttons and search bar clear button.



Target Users



Senior Citizen



Curious Millennial



Inattentive Adult







M

Main this is required for every java application. The main is the entry point and the beginning and the first method that is being searched. That is why we correlate it to our Team Name we are the beginning of software applications that can surely cater the requirements. Everyone looks for us for their software development needs.

A decorative background featuring a dense arrangement of green, elongated leaves with prominent veins, likely from a peace lily or similar plant. The leaves are layered, creating a sense of depth and texture. The central portion of the image is a solid light green rectangle where the text is located.

I

Implements in object-oriented programming implements is used to incorporate an abstract or interface class that contains the required attributes and methods. As what we do in our team, we always implement the rules of a software development. We implement new strategy and program techniques for the efficiency of our software



E

Extends, is use in java to perform inheritance. It uses a previous class as an extension to the new class. Similarly on our team, we continually expand our learning and knowledge so that we always in current software trends, and also, we learned from our mistakes to be better.

A decorative background featuring a dense arrangement of green, elongated leaves with prominent veins, likely from a peace lily or similar plant. The leaves are layered, creating a sense of depth and texture. The color is a rich, dark green.

O

Overload in java is use to create a new function with a same name to reference function but with different parameters and return type. On our team we vision ourselves as an overload of our previous. Like a polymorphic team that can easily adapt to new trends, and current situation.

A decorative background featuring a dense arrangement of green, elongated leaves with prominent veins, likely from a peace lily or similar plant. The leaves are layered, creating a sense of depth and texture. The color is a rich, dark green.

O

Override in java is used to define a new block or function definition for a function that comes from the parent class. We relate override to our software projects. We ensure the flexibility and the future proof of our applications. Overriding previous features helps us to create a better one without creating more spaces.



KNOWHERB

A preview of our current development.

Thank You

Do you have any questions?



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**