HEALTHLIT

HEALTH LITERACY APP

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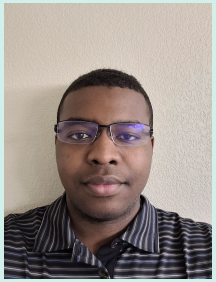

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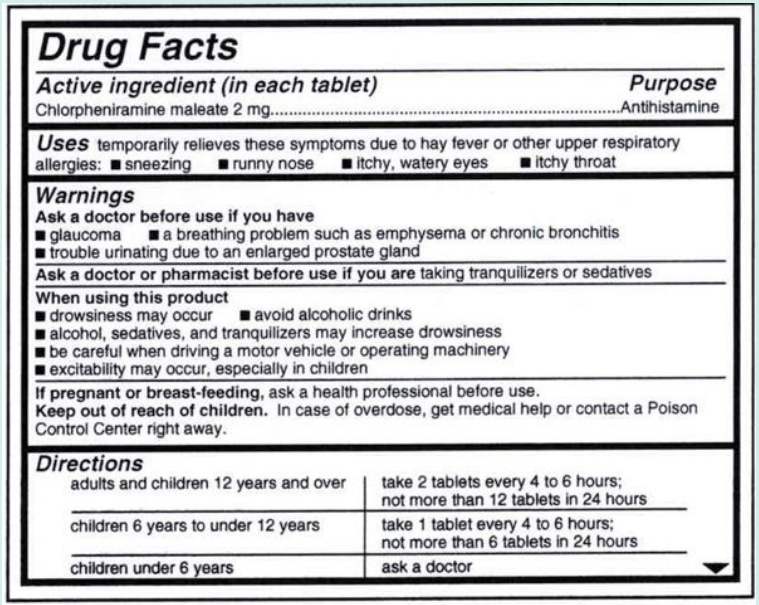
HEALTH LITERACY



Drug Facts

Active ingredient (in each tablet) ***Purpose***

Chlorpheniramine maleate 2 mg ..... Antihistamine

Uses temporarily relieves these symptoms due to hay fever or other upper respiratory allergies: ■ sneezing ■ runny nose ■ itchy, watery eyes ■ itchy throat

Warnings

Ask a doctor before use if you have

■ glaucoma ■ a breathing problem such as emphysema or chronic bronchitis
■ trouble urinating due to an enlarged prostate gland

Ask a doctor or pharmacist before use if you are taking tranquilizers or sedatives

When using this product

■ drowsiness may occur ■ avoid alcoholic drinks
■ alcohol, sedatives, and tranquilizers may increase drowsiness
■ be careful when driving a motor vehicle or operating machinery
■ excitability may occur, especially in children

If pregnant or breast-feeding, ask a health professional before use.
Keep out of reach of children. In case of overdose, get medical help or contact a Poison Control Center right away.

Directions

adults and children 12 years and over	take 2 tablets every 4 to 6 hours; not more than 12 tablets in 24 hours
children 6 years to under 12 years	take 1 tablet every 4 to 6 hours; not more than 6 tablets in 24 hours
children under 6 years	ask a doctor

Drug Facts (continued)

Other information ■ store at 20-25°C (68-77°F) ■ protect from excessive moisture

Inactive ingredients D&C yellow no. 10, lactose, magnesium stearate, microcrystalline cellulose, pregelatinized starch

- Can be difficult to determine correct timing and/or dosage
- Incorrect dosages can be harmful, especially to children
- We want to increase the health literacy of parents

OUR CLIENT

Dr. Olivia Lindly - *Dept. of Health Sciences*

THE PROBLEM

- Issue with younger parents having weak health literacy taking care of their children
- Current methods to solve this need improvement
- How to bring the app into fruition

TECHNICAL DEVELOPMENT

01

ANDROID STUDIO AND VIRTUAL STUDIO

Coding environment and collaborating coding

02

GITHUB

Storing app version
Pushing and pulling code

03

AWS

Store data and modules

04

MARVEL APP

Wireframing design choices and communication for client

OUR SOLUTION

A Mobile App that can teach parents through assessments and games.
Lists like this one:

- Easiest way to reach out to demographic
- Games will be relatively simple
- Goal is to inform parents with better information

TECHNICAL PROBLEMS

RESPONSIVE FRONT END

Making our front end responsive to touch and other inputs

LAGLESS BACK END

Having our back end communicate with our front end in a timely manner

CROSS-COMPATIBILITY

Developing our Product for both Android products and IOS products

REQUIREMENTS AND OTHER FULFILLMENTS

ARCHITECTURE

Focus on building a good architecture to avoid future problems

INFORMATION VALIDATION

Keep contact with Dr. Lindly to make sure information is correct

TO SUMMARIZE...

- Problem with parents having low health literacy
- We will develop an interactive mobile app to combat this
- Will work with Dr. Lindly to ensure we meet requirements
- Will use technologies such as Marvel to communicate ideas to the client
- Goal is to gamify the process of increasing health literacy
- Want our app to act as a framework for other apps in other disciplines

THANKS!

Do you have any questions?

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https://ceias.nau.edu/capstone/projects/CS/2022/HealthLit/

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