

Idea/Approach Details

Ministry Category: Ministry of AYUSH

Problem Statement: To develop an conversion scale which would convert the scaled mentioned in Ayurveda into modern day measures

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Our Idea:

Our idea would be create an online platform (Website and Android/Tizen app) so that users can explore different resources and use functions for measurement conversions. Another section will also be introduced where users can explore files and videos for preparing Ayurvedic solutions or recipes.

Describe your Technology stack here:

Android Programming Language using Android Studio.

Cloud or Server side Storage (Firebase) for storing all the Ayurveda Resources.

HTML, JavaScript, CSS, Flask (Python3.x) for website platform.

Tizen SDK/ Android Wear for simplified version of app for smartwatches.

Idea / Approach details

EXAMPLE USE-CASE SCENARIO:

- Users open the app and go through the theory about different concepts of Ayurveda.
- They access the page for conversion of different Ayurveda measurement units.
- Later they can visit pages that teach them to prepare Ayurvedic recipes or learn their importance.
- The resources could be in the form of pictures, files or videos of content regarding Ayurveda and be stored in an online cloud storage.

Describe your Dependencies / Show stopper here:

- The main showstopper would be cloud storage and database support for storing a lot of useful and easily available information from reliable sources and maintaining the site at cheap rates and also allowing users to add their own Ayurveda resources to the site/app.
- Later important organizations dealing in Ayurveda can be brought into help and share resources and offer online and offline (onsite at their organisation) help to users.

MAIN TARGET CONSUMERS:

- **GENERAL PUBLIC**
- **ORGANIZATIONS THAT DEAL IN AYURVEDIC PRODUCTS AND SOLUTIONS**

How our app can succeed and how it will be different from the rest:

- The app will impart knowledge about the basic Ayurvedic concepts and their conversions to modern metric units of measurements.
- It would store various information about all the different concepts of Ayurveda and thus the app allows users to access almost all information in one place so that they don't have to download other apps for specific information.
- All the resources in the form of documents, videos etc. can be stored in a cloud server (Firebase in the case of Android).
- A light version containing only unit conversion will be developed for Smartwatches.
- Users will be able to connect to real-life organizations for further consultation.

ANDROID APP DEVELOPMENT IMAGES

Startup

AYURVEDA

Value

Select Category

Select Ayurvedic Unit

CONVERT

Result

DHAVANSHI
MARICHI
LAL SARSHAP
TUNDAL
DHANYAMASH
YAVA
RATTI
ANDIKA
MASHAK (MASA)
SHAAN
KOL
TOLA
KARSHA

Startup

AYURVEDA

Value 23

Select Category

LINEAR

Select Ayurvedic Unit

CONVERT

Result

YADOVARA
ANGULA
BITAHASTI
ARATNI
HASTA
RAJAHASTA
VYAMA

Startup

AYURVEDA

Value 52

Select Category

TIME

Select Ayurvedic Unit

CONVERT

Result

KSANA
LAVA
NIMESHA
KASTHA
KALA
GHATI
MUHURTA

ANDROID APP DEVELOPMENT IMAGES

Startup

AYURVEDA

Value 23

Select Category LINEAR

Select Ayurvedic Unit ARATNI

CONVERT

Result 963.93 cm

Startup

AYURVEDA

Value 5

Select Category TIME

Select Ayurvedic Unit GHATI

CONVERT

Result 120.0 minutes

Startup

AYURVEDA

Value 51

Select Category WEIGHTS

Select Ayurvedic Unit SHAAN

CONVERT

Result 153000.0 mg