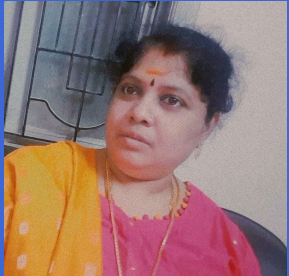


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Refer to instructions on how to make a copy of the presentation template on the Appathon website: <https://appathon.appinventor.mit.edu/#:~:text=Presentation%20Information>

FARMILLETSEED

Anusha Priya, Devesh Mohapatra, S.G.Akshattha, Dharshitha, Nayonika, Saicharan Sridhar,
Chunmay Belliappa



OVERVIEW

- **App Name:** FarMilLetsFeed
- **App Description:** This app explains the different types of millets, their nutritional values as graphical form, Recipes for each, Why Millets, Millets Vs climate change and sustainability, AI tools to classify Millets, Millet suitability soil testing report to get details of millet which you can cultivate in your location and more. App user can enter the Millet challenge competition section too.
- **Track:** Mixed Team
- **Category:** Climate change and sustainability



THEME

In 100 words or less, describe the problem that you chose to address, and why you were interested in solving it. Please note that this portion of your submission will be published if you are selected as a finalist or winner.

2023 being the International Year of Millet, this App **FarMilLetsFeed** is to create an awareness on Millets , their suitability in terms of climate resilient property, drought resistant and high nutritional values inline with FAO along with many utility features .

Components used: Artificial Intelligence tools like Image Classification for Millet scanner, Weather API integration, IP tracker and Location Sensor to check the soil type and mapping the climate suitability for millet cultivation, Charts and Sheets used for visually appealing nutritional values of Millets and their comparison.

Utility Features : Millet Scanner, Nutrition Charts, Millet Recipes, Millet suitability Tester, Why Millets, Competition section along with Why Millets, Millet Vs Climate Change and Pledge

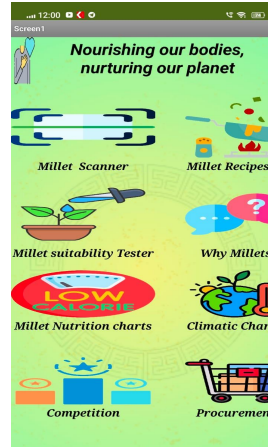


INSTRUCTIONS

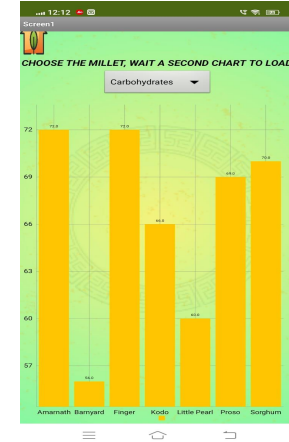
FarMilLetsFeed - *Rich in heritage, full of potential*



Step 1: Splash Screen with App Name



Step 2: Menu Items



Step 3: Nutritional Informations of various millets using charts



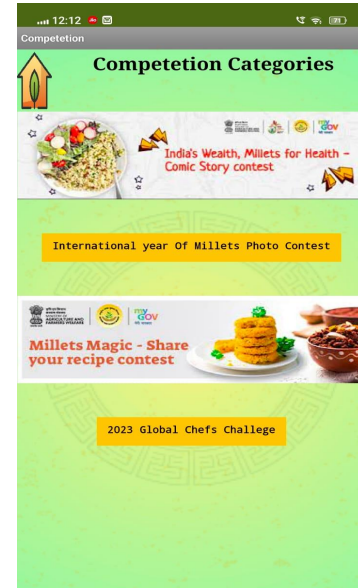
INSTRUCTIONS



Step 4: Sensing user location and integrating with IP tracker and weather API to check soil type and gives result as which type of Millets can be cultivated there.



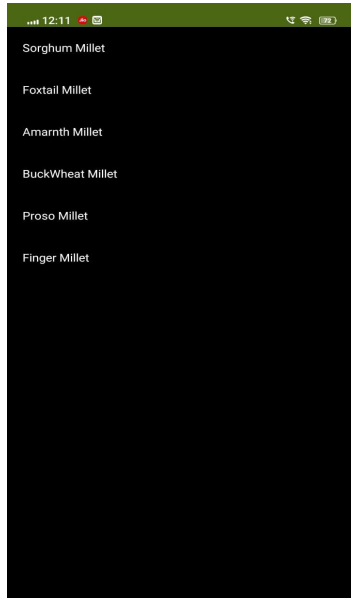
Step 5: Importance of Millets especially in this climate change and global warming



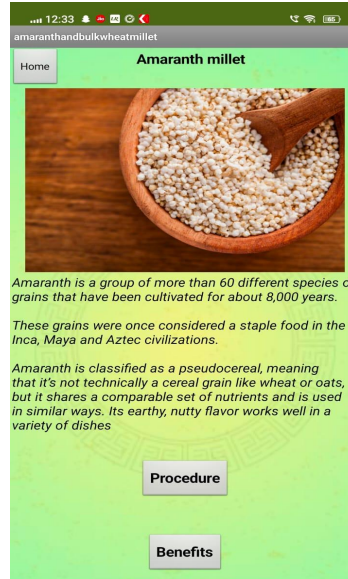
Step 6: Users are encouraged to participate in the international Chef challenge and photo contest as a part of Millets promotion



INSTRUCTIONS



Step 7: List out the different kind of millets which have individual components



Step 8: Detailed information about individual Millet and its Benefits



Step 9: Delicious Recipes using the Millets



LIMITATIONS

In 100 words or less, describe the limitations of your app and what people should carefully consider when using it.

- Nutritional chart and Millet Recipes are provided in the App - users having premedic conditions are suggested consulting their health care advisor regarding the millets consumption
- Location sensor of user mobile to be turned ON for Millet Suitability Tester
- Millet Scanner - AI Image classification - model to be trained with more data (future scope) for high precision identification covering more varieties of lesser known Millets.



ACKNOWLEDGEMENTS

Please list the names of anyone who helped you with developing your app, and describe what type of help they provided.

- Person #1: Ms.Revathi ,M.Tech(Information Technology), mentored with API and IP tracker.
- Person #2: Ku. G. Sivaraman is a Siddha doctor and author based in Tamil Nadu , India. He is creating awareness among the people of Tamil Nadu about food and Siddha medicine. His Youtube information and articles for study.
- Person #3: Food and Agricultural Organisation of the United Nations for Competition section
<https://www.fao.org/millets-2023/en>
- <https://www.mygov.in/campaigns/millets/>
- Google & Youtube samaritans for Recipes



APPENDIX

Extensions Used:

- Look Extension
- IP Tracker Extension created by Avmcreators
- Weather Extension

TITLE: FARMILLETSFEED

This App gives complete information about What are millets, Why millets, their nutritional information, cultivation requirements , soil test, Why 2023 is International Year of Millets, What can be the recipes of each and every millets and their benefits.

Components used: Artificial Intelligence tools like Image Classification for Millet scanner, Weather API integration, IP tracker and Location Sensor to check the soil type and mapping the climate suitability for millet cultivation, Charts and Sheets used for visually appealing nutritional values of Millets and their comparison.

Utility Features : Millet Scanner, Nutrition Charts, Millet Recipes, Millet suitability Tester, Why Millets, Competition section along with Why Millets, Millet Vs Climate Change and Pledge

