MIT APP INVENTOR

# SUSTAINABLE SPROUT

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SUMMER APPATHON

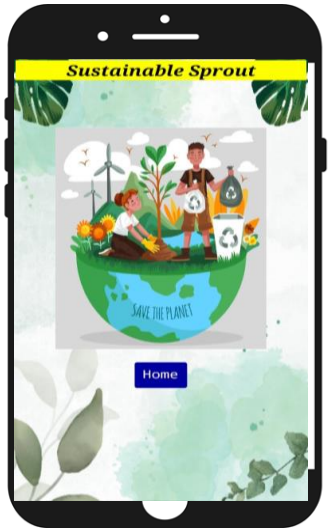
# OVERVIEW

- **App Name:** Sustainable Sprout
- **App Description:** The ultimate all in one app which allows you to track your activities & a lot more, all in reference to climate.
- **Track:** Youth Team
- **Category:** Climate and Sustainibility

# THEME

Sustainability is an essential concept in today's world, as it is the practice of resource utilization that meets present needs without harming future generations' ability to meet their own needs. Sustainable Sprout is an all in one app which not only allows the user to calculate his Carbon Footprint but also gives an option to take a Pic of planting a sapling and share it with their friends. Another salient feature includes the Classifier which tells you if an object is recyclable or not. If it is, you can send it to the nearest recycling center by looking up in the Recycling sites module. One can know the AQI and Weather too. Personal Goals aids you to list down your goals of the day for a cleaner & greener environment. The Information module gives out some knowledge & lastly About Us tells you about the makers of the app.

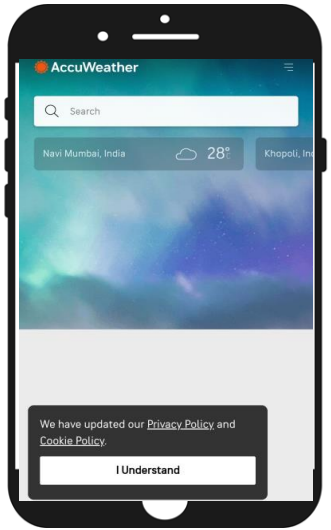
# INSTRUCTIONS




Introductory Screen

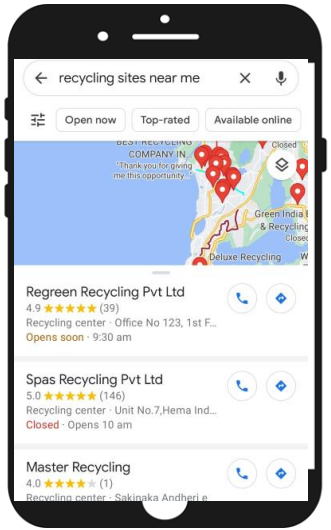
Home Page part 1

Home Page part 2

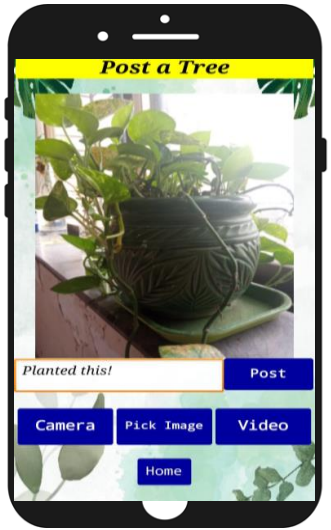



Weather & AQI

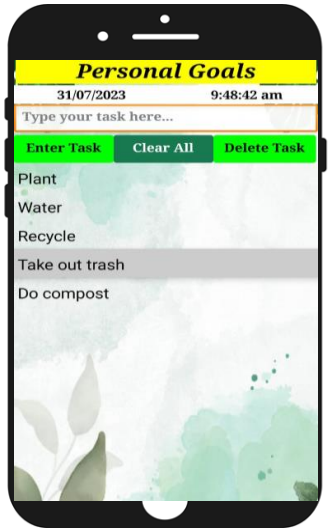
# INSTRUCTIONS



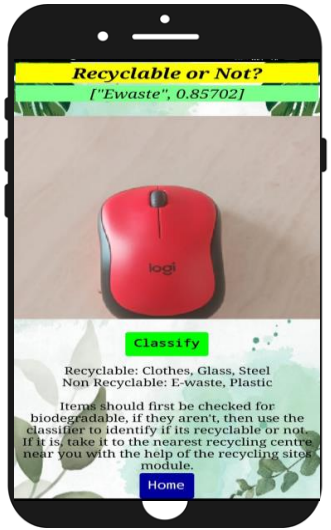

Recycling Sites Near Me




Take a Pic of yourself planting a tree or sapling and then post it on different platforms

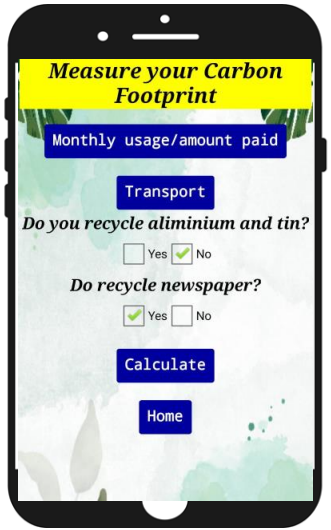



Enter your daily goals for a cleaner & greener future

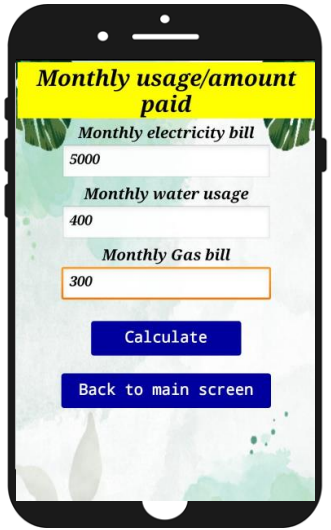



Take a pic to classify if it recyclable or not. (Using Image Classifier)

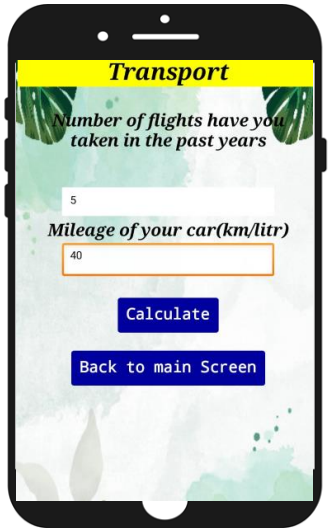
# INSTRUCTIONS




Click on the 2 buttons to go to the next screen & tick the checkboxes. Click calculate.




Enter your data and click calculate. The values in textboxes will change accordingly.




Enter your data and click calculate. The values in textboxes will change accordingly.

Show score will show your final carbon footprint after all calculations.

# INSTRUCTIONS

Information about the planet and others.

Information about the makers

# LIMITATIONS

- In Post a Tree, the image just gets shared and not saved. However, you can also post a pic that is already saved.
- In Recyclable or Not, the data used in the model is only Plastic, Steel, Glass, Clothes & E-waste. Hence, it won’t show appropriate answers.

# ACKNOWLEDGEMENTS

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

- No help was taken. Everything was done ourselves :)

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# APPENDIX

The following is the model of Image Classifier.

model.mdl

# TITLE

In this era, where sustaining has atmost importance, we have come up with an app that is interactive and will help you last or sustain this era. The idea of the app is to have all material related to climate and sustainibility at one place. It includes:

i. Measuring your carbon footprint
ii. Weather & AQI
iii. Personal Goals
iv. Information
v. Image Classifier
vi. Recycling sites
vii. Click & post pic
viii. About us

I'm sure you'll find our app interesting and will be on the home page of your mobile phone :)

# THANK YOU

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