

# The Giving Tree



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# Meet The Team



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**What organizations are the most in need?**



What organizations are the most in need?

**How do I best support an organization?**

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How do I best support an organization?

**How do I budget to donate?**



**What organizations are the most in need?**

**How do I best support an organization?**

**How do I budget to donate?**

# Problem

From **finding where to donate**, to which charities are **most in need**, giving is filled with **pitfalls** for the average donor.



# Charity Navigator Navigator

Charity  
Navigator 

  
gofundme™

Charity  
Navigator



gofundme™

Google

The image features a white background with several overlapping circles. A large, solid dark green circle is positioned in the upper right quadrant. A smaller, solid light green circle is located in the lower center. A thin dark green outline of a circle is visible in the bottom left corner. The word "Solution" is written in a bold, light green, sans-serif font, centered horizontally in the upper left area of the image.

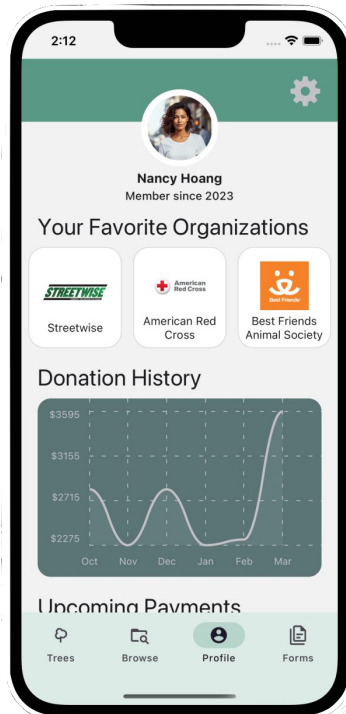
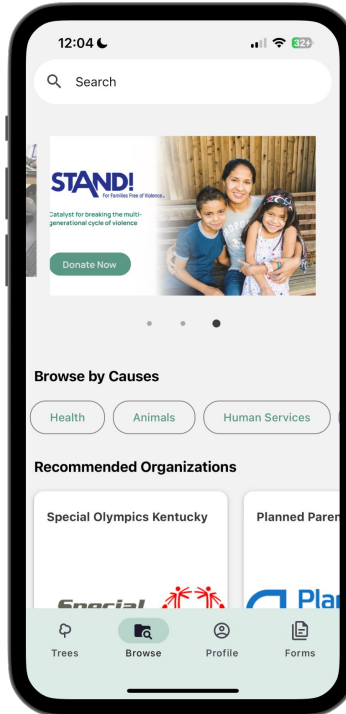
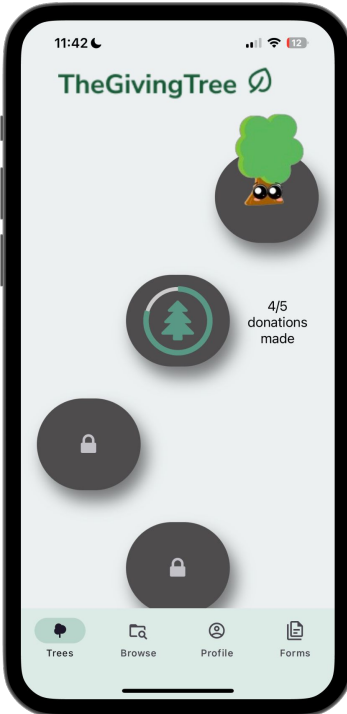
**Solution**



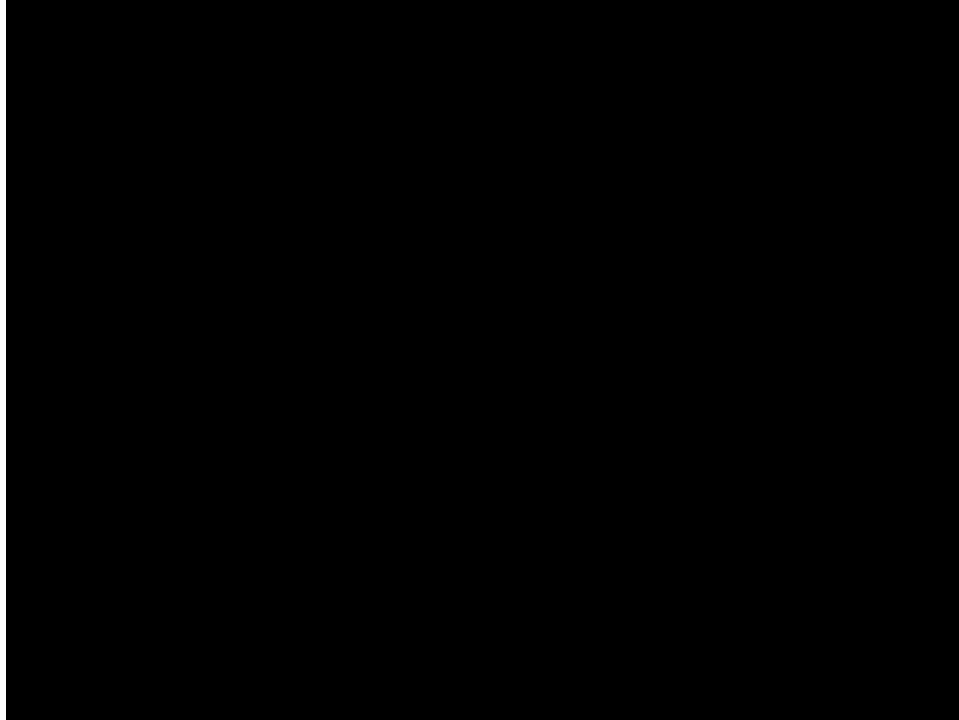
# Mission Statement

Our mission is to **help donors donate easily and effectively** to the causes they care about and **track their donations** over time.

# Our Solution



# Video



**03**

**Design  
Evolution**



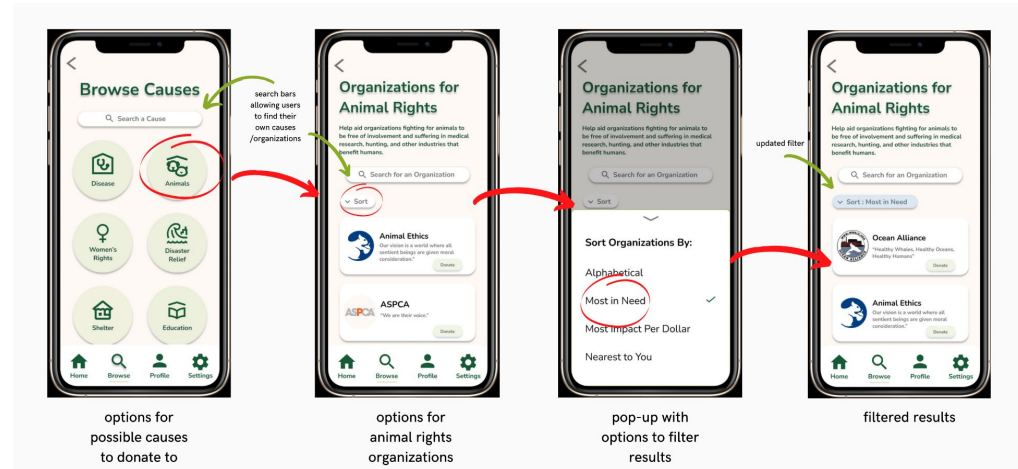
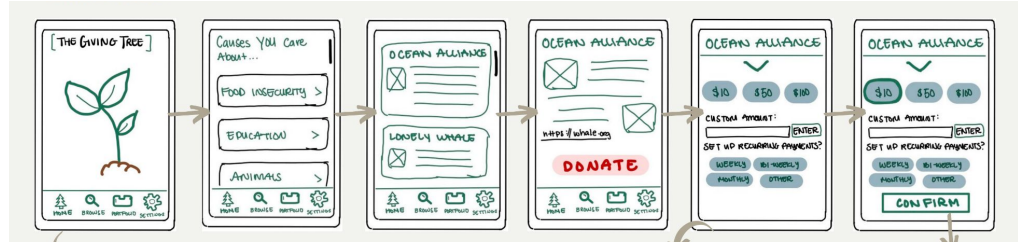


# Low-fi & Med-fi Prototype

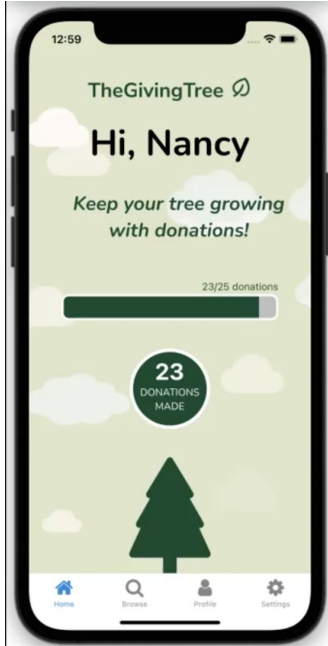
## Hi-fi Prototype CS147

## Hi-fi Prototype CS194H V1

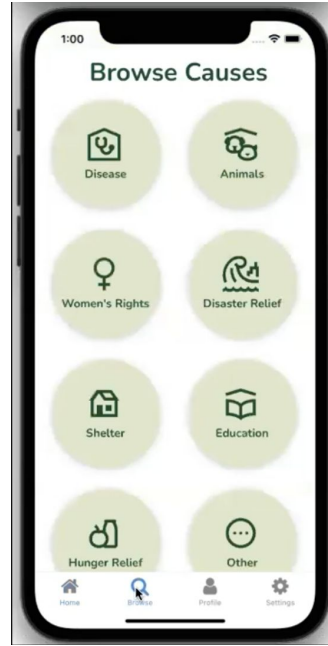
## Hi-fi Prototype CS194H V2



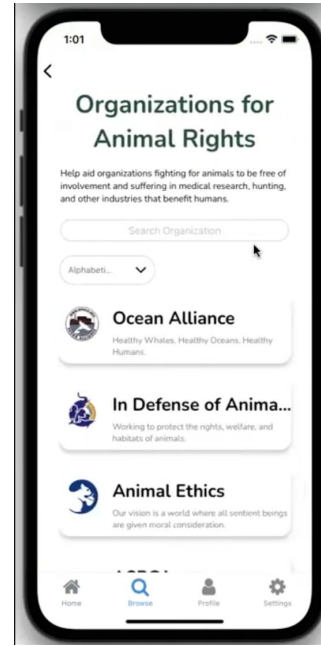
## Low-fi Prototype



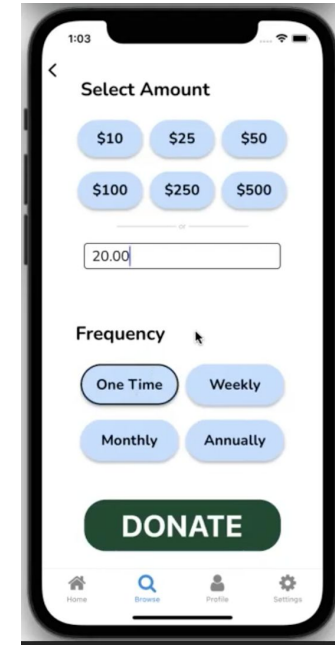
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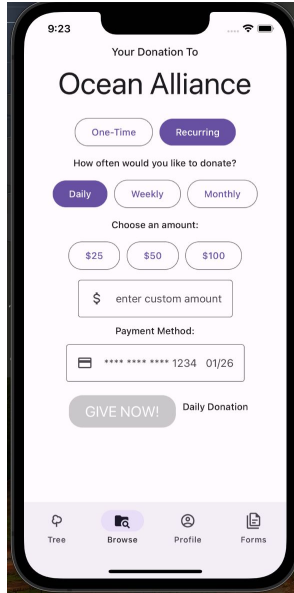
## Hi-fi Prototype CS194H V1



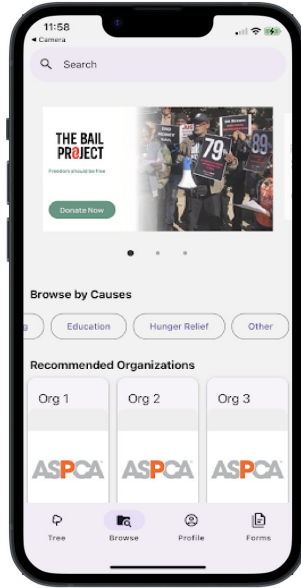
## Hi-fi Prototype CS194H V2



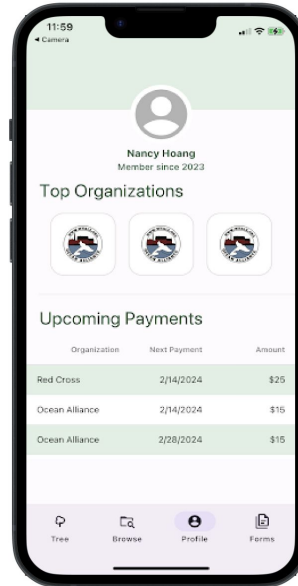
## Low-fi Prototype



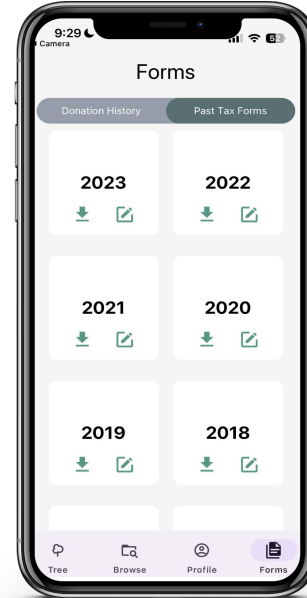
## Hi-fi Prototype CS147



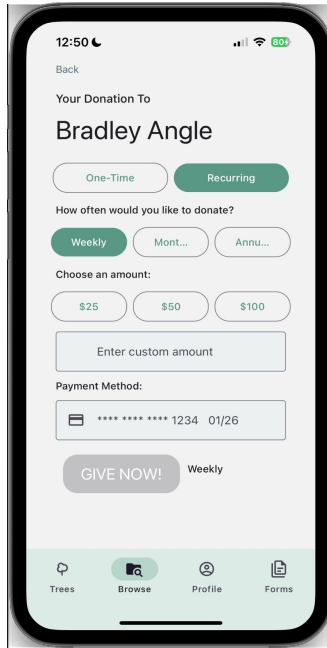
## Hi-fi Prototype CS194H V1



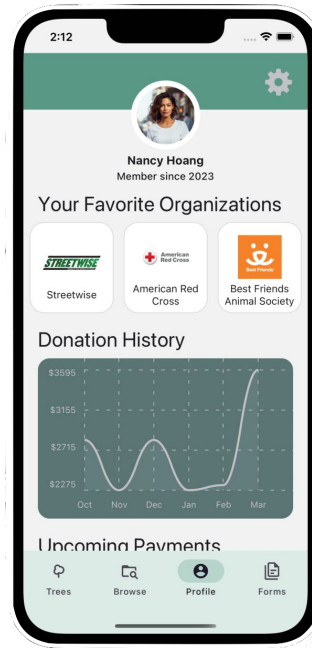
## Hi-fi Prototype CS194H V2



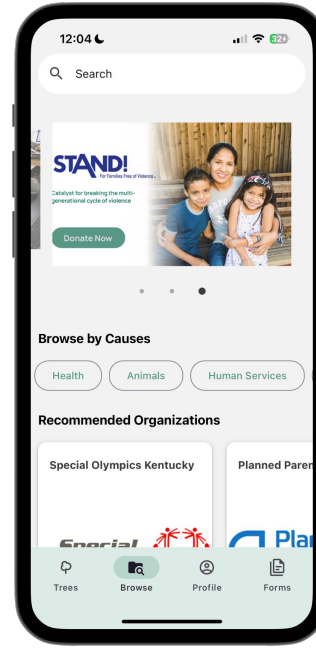
## Low-fi Prototype



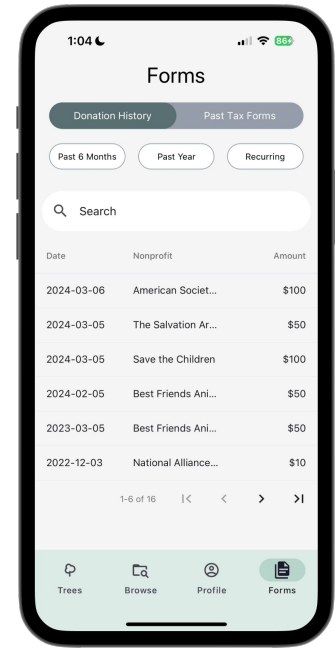
## Hi-fi Prototype CS147



## Hi-fi Prototype CS194H V1



## Hi-fi Prototype CS194H V2

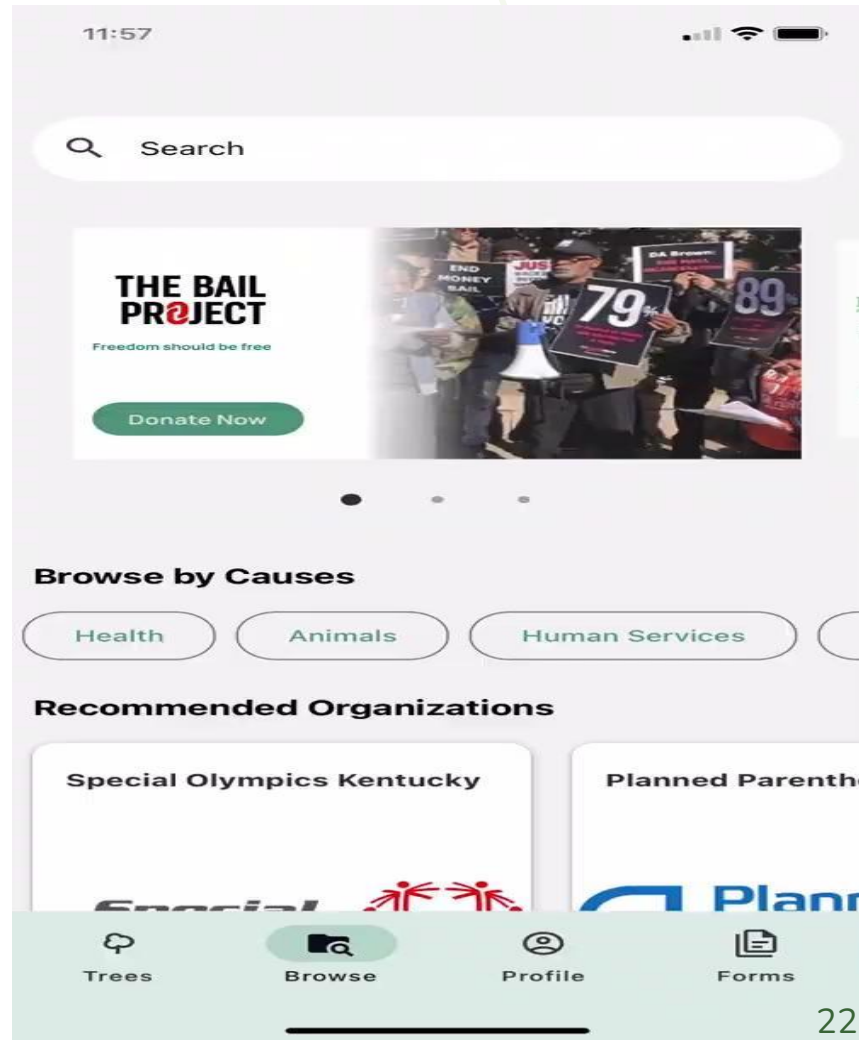


**04**

**Solution  
Details**

# Browse Causes

Simple Task



# Donate

## Moderate Task

11:58

Back

Your Donation To

## Project WeHOPE

One-Time  Recurring

How often would you like to donate?

Weekly  Monthly  Annually

Choose an amount:

\$25  \$50  \$100

Payment Method:

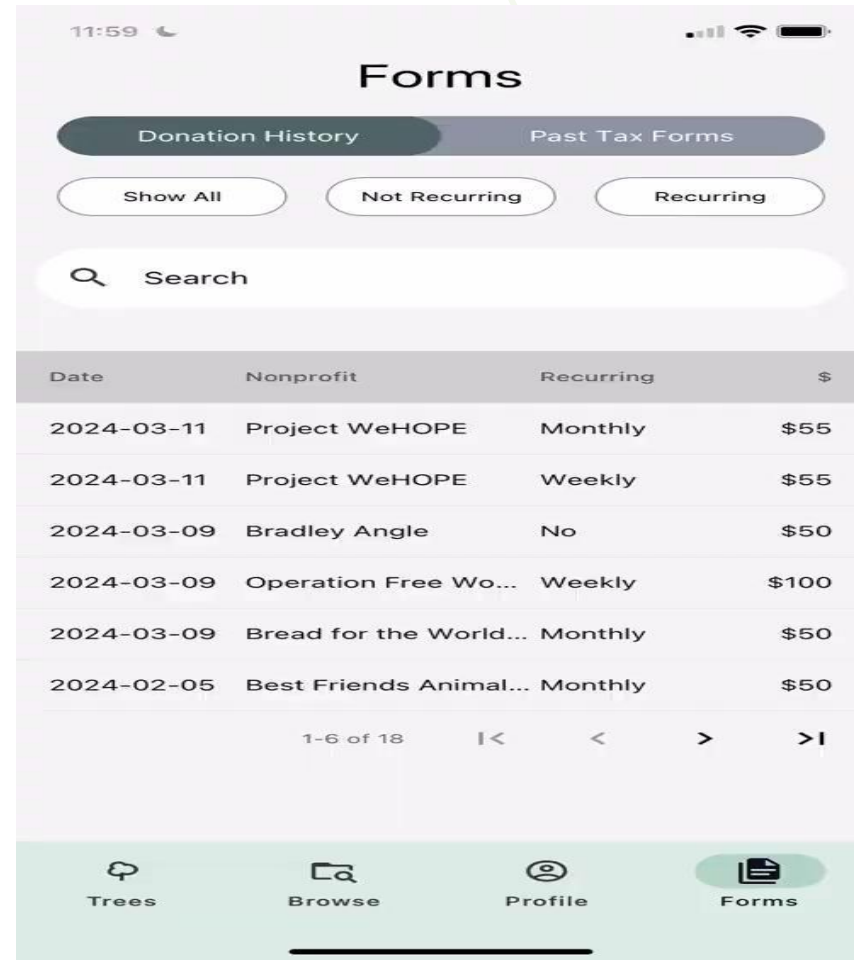
Weekly

Trees Browse Profile Forms

23

# Tax Forms

Complex Task



The screenshot shows a mobile application interface for managing tax forms. At the top, the time is 11:59. The screen title is 'Forms'. Below the title are two tabs: 'Donation History' (selected) and 'Past Tax Forms'. There are three filter buttons: 'Show All', 'Not Recurring', and 'Recurring'. A search bar is located below the filters. The main content is a table with the following data:

Date	Nonprofit	Recurring	\$
2024-03-11	Project WeHOPE	Monthly	\$55
2024-03-11	Project WeHOPE	Weekly	\$55
2024-03-09	Bradley Angle	No	\$50
2024-03-09	Operation Free Wo...	Weekly	\$100
2024-03-09	Bread for the World...	Monthly	\$50
2024-02-05	Best Friends Animal...	Monthly	\$50

At the bottom of the table, there is a pagination indicator '1-6 of 18' and navigation arrows. The bottom navigation bar includes four icons: 'Trees', 'Browse', 'Profile', and 'Forms' (which is highlighted).

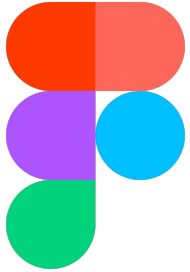


The background features a large, dark green, semi-circular shape on the right side. In the bottom left, there is a thin green outline of a circle. In the bottom center, there is a solid light green circle. The text is positioned on the left side of the slide.

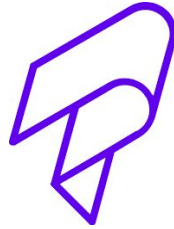
**05**

**Implementation**

# Tools



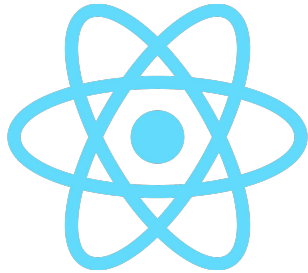
Figma



React Native Paper



Expo Go Mobile App



React Native



Realtime Database and  
Firebase Analytics

# Future Implementation

## Missing

- Editable tax form PDF

## Future Additions

- PayPal Implementation
- Organizations as users



# End-to-end Donor Experience

# End-to-end Donor Experience



Education

# End-to-end Donor Experience



Education



Recurring  
Payments

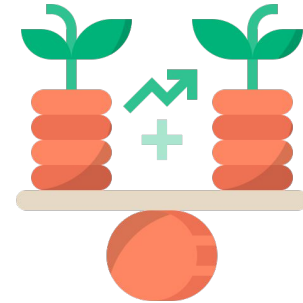
# End-to-end Donor Experience



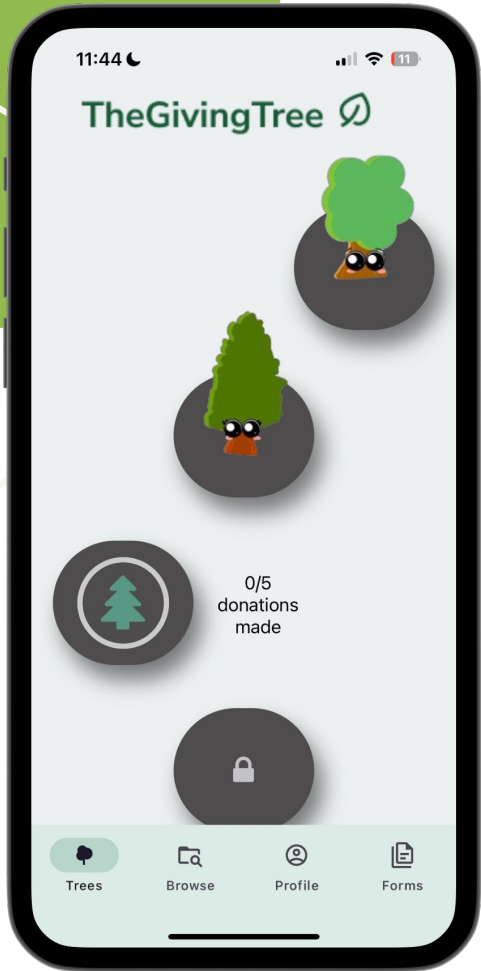
Education



Recurring  
Payments



Financial  
Stability



# TheGivingTree

*Make your donations go further*

<https://web.stanford.edu/class/cs194h/projects/TheGivingTree/>