

PBL REPORT

Title of Project: HopeCircle

Name of the Innovator: Ayisha Banu S

Start Date: 17-11-2025

End Date: 21-11-2025

Day 1: Empathise & Define

Step 1: Understanding the Need

- Which problem am I trying to solve?

Many people have good books, useful items (bags, clothes, toys, stationery) and even **extra leftover food from events like marriages**, but orphans who need these items and food do not receive them easily..

Who is affected by this problem?

- Orphaned children
- Low-income students
- People who want to donate but don't know where
- NGOs/orphanages who lack supplies and food
- Event halls & families with extra food

Step 2: What is the problem?

“I am ideating a solution that connects donors with orphan children so they can easily donate books, items, and leftover food through one digital platform.”

Why is this problem important to solve?

- More than **30% of orphanages lack proper learning materials.**
 - Many homes and events have unused items and food that go to waste.
 - Wastage of food is very high after marriage functions and parties.
 - Connecting donors and orphanages will reduce waste and support children.
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Take-home task

Ask 2–3 people (you can speak to your family members, friends, teachers, trainers) what they think about this problem. Write down surprising or new things you learn below.

- They want to donate books but don't know where.
- Many said leftover food is often wasted during events.
- A trusted platform will encourage more donations.
 - Many people want to donate but they are lazy to or they don't have time to go orphanage .

Day 2: Ideate

Step 3: Brainstorming solutions

- A mobile-friendly website where donors upload items and food availability.
- A chatbot donation assistant to connect donors with nearby orphanages.
- A QR-code based donation drop-box for books and items.
- A map view showing orphanages that need items or food.
- A WhatsApp bot to instantly notify orphanages about leftover food.

Step 4: My favourite solution:

A user-friendly website named **HopeCircle** where donors can upload books items and also **inform about extra food**, and orphanages can accept them.

Why am I choosing this solution?

- Easy to build
- Zero cost
- Mobile friendly
- Reduces food waste
- Helps orphans immediately
- Solves communication gap

Take-home task

Generate the image of your solution and how it will look (eg: "a bag that charges your phone while you walk")

Attach the image in this box below:

Heart

Welcome to HopeHub

Connecting generous hearts with those who need it most

[I Want to Donate](#)
[Register Orphanage](#)

How It Works

Register
 Sign up as a donor or orphanage in minutes

Orphanage Registration

Connect with caring donors

Orphanage Name

Email

Phone Number

Location

Description

Register Orphanage

[Back to Home](#)

Donor Registration

Join us in making a difference

Full Name

Email

Phone Number

Location

Register as Donor

[Back to Home](#)

Day 3: Prototype & Test

Step 6: Prototype – Building my first version

What will my solution look like?

A clean website with:

- Book & item donation upload

- Food donation (event leftover food availability)
 - Orphanage view & accept requests
 - Match donors with orphanages
 - Location-based listing
 - Status tracking
 - HopeCircle branding & logo
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What AI tools will I need to build this?

Claud ai, base44, stitch ai

What AI tools I finally selected to build this solution? [Eg: Claude AI, Grok AI, Chatling AI]

1. Claude AI
 2. **Base 44**
 3. stitch ai
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<BUILD YOUR INNOVATION> <TEST YOUR INNOVATION>

Step 7: Test – Getting Feedback

- Add stronger location-based matching
 - Add orphanage verification process

Who did I share my solution with? [You may share it with your trainer, peers or even AI]

Trainer.

Friends.

AI tools.

⌚ What works well:

- Clean interface
 - Item + food donation idea appreciated
 - Socially impactful

Day 4: Showcase

Step 8: Presenting my Innovation

Presenting my Innovation

Final Project Title:

HopeCircle – Smart Donation Platform for Books, Useful Items & Leftover Food for Orphans

Pitch Key Points

Project Title:

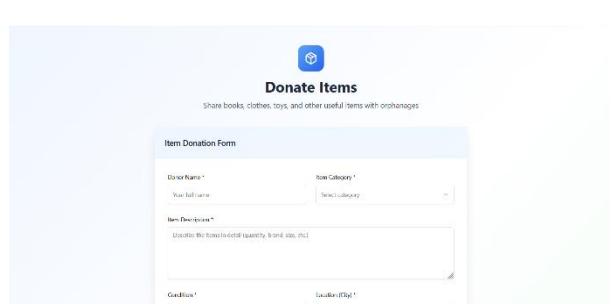
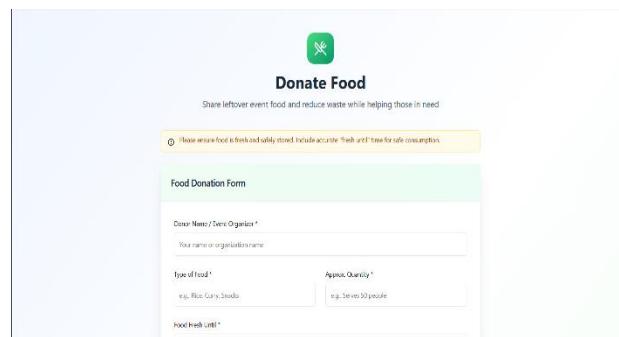
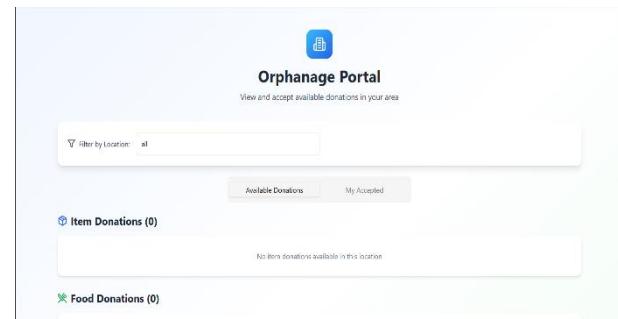
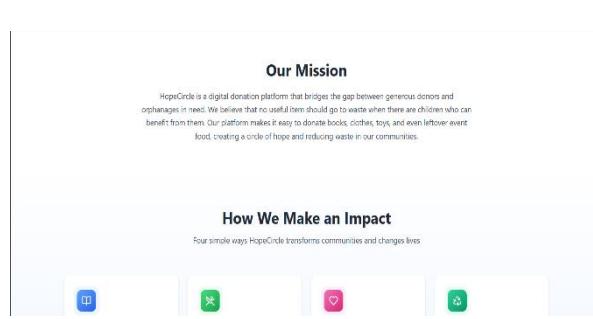
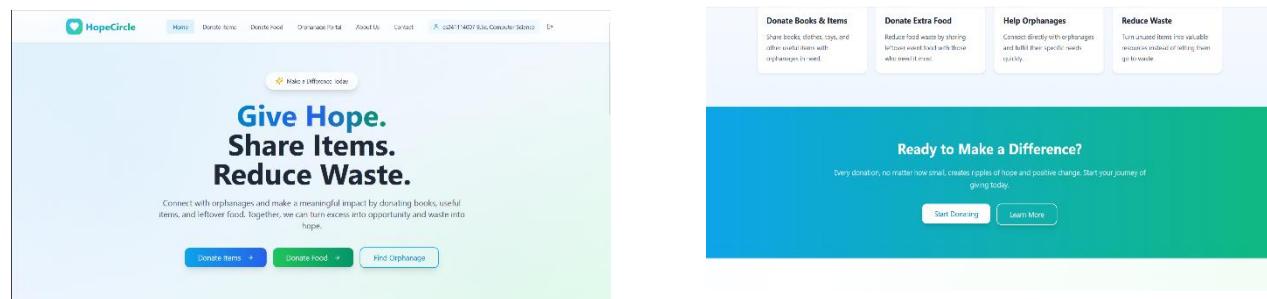
HopeCircle

Problem Statement:

Orphans lack proper study materials and food, while many households/events have unused items and leftover food that usually get wasted.

My Innovation:

A simple digital platform where donors can donate books, items, and **notify about leftover food** so orphanages can collect them immediately.



Feedback Received:

People loved the idea of including food donation.

Suggestions: Add location-based matching and verification.

Impact:

- Reduces waste
- Supports orphanages
- Makes donation simple and instant
- Helps more children get food and learning materials

Step 9: Reflections

- What did I enjoy the most during this project-based learning activity?

Creating a project that directly helps poor children and reduces food waste.

- What was my biggest challenge during this project-based learning activity?

Planning the design and connecting donor needs with orphanage requirements.

Project code: <https://hope-circle-b880c12a.base44.app>