

Project Report Template

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?

The problem I want to solve in **one clear sentence** [Prompt: "*I am ideating a solution for <enter your problem in detail> Convert this problem into a single clear sentence which I can share to an audience*"]

"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? [Prompt: "*Draft 1-2 lines on why is this problem important to solve. Support this with evidence using relevant data points*"]

- 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.
-

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 [Prompt: “I am ideating solutions for <enter your problem in detail> Suggest 5 unique solutions for this problem, which I can easily accomplish in 2 days using free, open-source mobile-friendly AI tools”]

- 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")

[Prompt: "*I am ideating a solution for <enter your problem in detail> I have selected a solution which includes <enter your solution description> Generate an image for this solution*"]

Attach the image in this box below:

The wireframe illustrates the user interface of the HopeHub app, featuring three main screens:

- Home Screen:** Displays a large blue header with a heart icon and the text "Welcome to HopeHub". Below this, a sub-header reads "Connecting generous hearts with those who need it most". It includes two buttons: "I Want to Donate" (white background) and "Register Orphanage" (purple background). A section titled "How It Works" shows a "Register" button and a sub-instruction "Sign up as a donor or orphanage in minutes".
- Orphanage Registration Screen:** Features a purple header with the title "Orphanage Registration" and a subtitle "Connect with caring donors". It contains five input fields: "Orphanage Name", "Email", "Phone Number", "Location", and "Description". A prominent purple "Register Orphanage" button is at the bottom, along with a "Back to Home" link.
- Donor Registration Screen:** Shows a white header with a gift icon and the title "Donor Registration", followed by the subtitle "Join us in making a difference". It includes four input fields: "Full Name", "Email", "Phone Number", and "Location". A blue "Register as Donor" button is at the bottom, with a "Back to Home" link nearby.

Day 3: Prototype & Test

Step 6: Prototype – Building my first version

- What will my solution look like?

[Take inspiration from the image generated on Day 2 and describe the solution]

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

-
- What AI tools will I need to build this?

[Prompt: "*I am ideating a solution for <enter your problem in detail> I have designed a solution which includes <enter your solution description> What open-source, free AI tools that I can use to build this solution? The tools should be easily available and accessible on my mobile. Do not recommend tools which requires cost or subscription*"]

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
-

<BUILD YOUR INNOVATION> <TEST YOUR INNOVATION>

Step 7: Test – Getting Feedback

- 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

What needs improvement:

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

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:

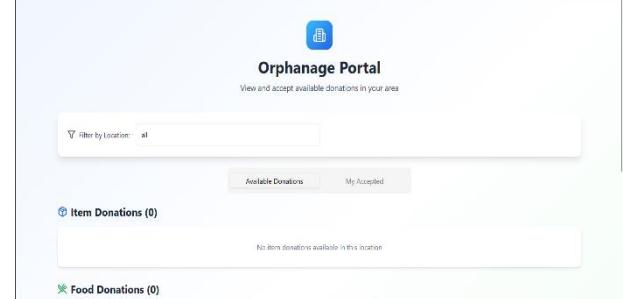
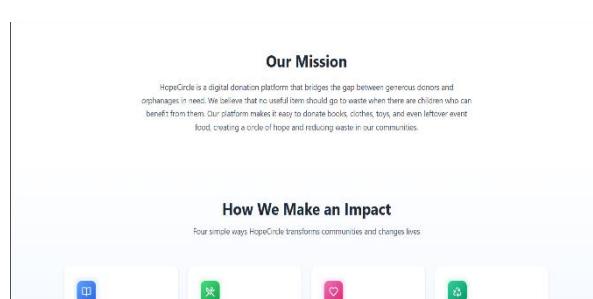
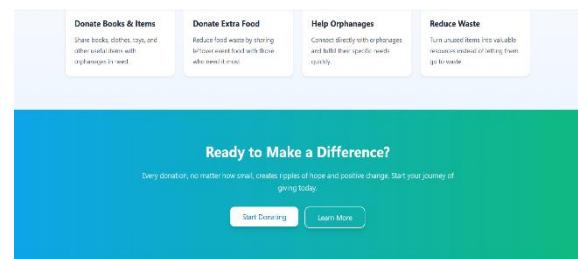
HopeCircle

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.



The image shows two side-by-side screenshots of a mobile application interface. The left screenshot is titled "Donate Food" and features a green icon with a fork and knife. It includes a note about sharing leftover event food and reducing waste. The right screenshot is titled "Donate Items" and features a blue icon with a gift box. Both screens show a "Food Donation Form" or "Item Donation Form" with fields for donor name, item category, item description, quantity, and location.

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>