

CodeFusion 2.0

TEAM NAME: AIVERSE

DOMAIN: Full Stack Development

COLLAGE: G.L Bajaj Group of Institutions, Mathura

TEAM MEMEBERS:

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Problem Statement

Existing platforms are typically focused on either buying and selling or hiring services, but they don't foster a direct and sustainable exchange system that allows individuals to barter goods and services with others in a community-focused manner.



SWAPHAVEN: Your Haven for Sustainable Sharing and a Greener Tomorrow

A platform designed to bring communities closer by enabling the exchange of skills, items, and resources in a sustainable way.

SwapHaven is a platform designed to bring communities closer by enabling the exchange of skills, items, and resources in a sustainable way.



What is SwapHaven ?

The Problem We're Solving



A space where sharing replaces waste, affordability replaces excess, and connection replaces isolation.

- **Overconsumption and Waste**

Rising consumerism leads to unnecessary waste and environmental degradation.

- **Limited Access to Resources**

People often struggle to afford or find resources, skills, or items they need.

- **Lack of Community Connection**

In many places, communities are becoming more disconnected.

A Sustainable Sharing Platform

Share, swap, or borrow skills and resources within their community.

What Makes It Unique

Combines skill-sharing, resource swapping, and borrowing in one place.

How It Works

List items or skills you want to share, browse what others offer, and connect directly.

An illustration on a light pink background depicting a sustainable sharing platform. It features several stylized human figures: a man in a blue shirt and jeans, a woman in a red shirt and blue shorts, a man in a blue shirt and grey pants, and a child in an orange shirt and green shorts. They are surrounded by various icons representing sharing and community: a green circle with a lightbulb and the text 'FRESH IDEA', a red gear, a stack of books, a globe, a heart in a speech bubble, and a smartphone. The overall theme is community, sharing, and sustainability.

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OUR SOLUTION: SWAPHAVEN

Technology Stack



Front-End

React, Bootstrap, Tailwind, HTML5,
CSS3, JavaScript

Back-End

Flask, Python

Database

MySQL, MongoDB

Tools

Git, Github

KEY FEATURES

- Skill Sharing
- User-Friendly Interface
- Skill Swap Listings
- Item Swap/Borrow Listings
- User Profiles
- Rating and Review System
- Privacy Settings



Skills Sharing



User Profiles

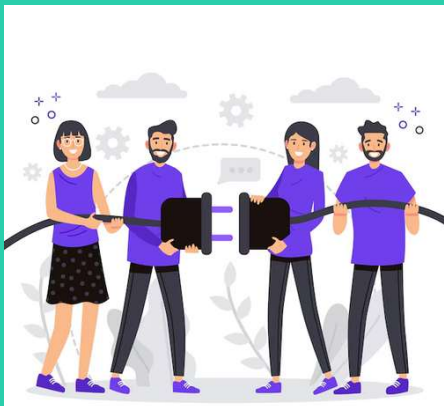
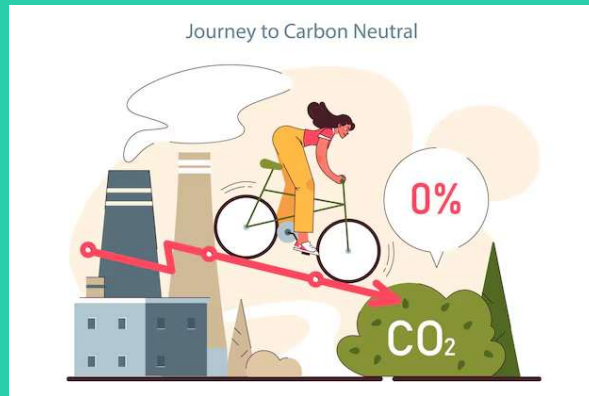


Privacy Settings



Rating and Review Settings

BENEFITS OF SWAPHAVEN



Environmental Impact

- Reuse, share and Lowers carbon footprint

Cost Savings

- Borrow or swap, Access skills and resources easily.

Stronger Community Connections

- Build trust, Collaborate and learn within local community.

Skill Development

- Gain new knowledge and abilities. Empower others.

Convenience and Accessibility

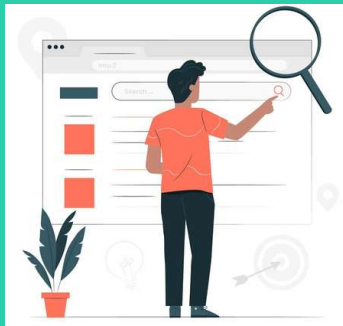
- A single platform to share, swap, and borrow effortlessly.

HOW IT WORKS ?

- Step 1: Sign Up
- Step 2: List Your Skills or Items
- Step 3: Browse and Connect
- Step 4: Swap, Share, or Borrow
- Step 5: Build Community and Trust



Sign Up



Search Items/Skills

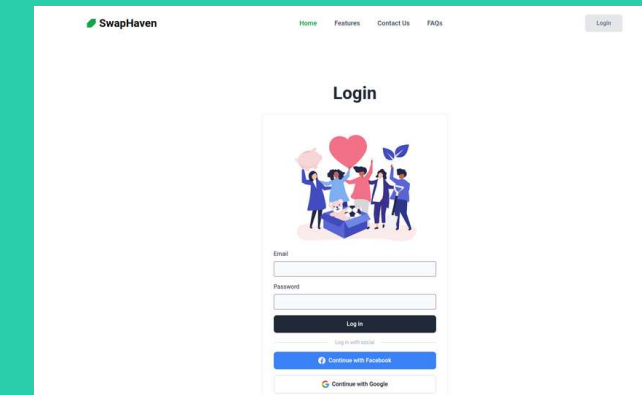
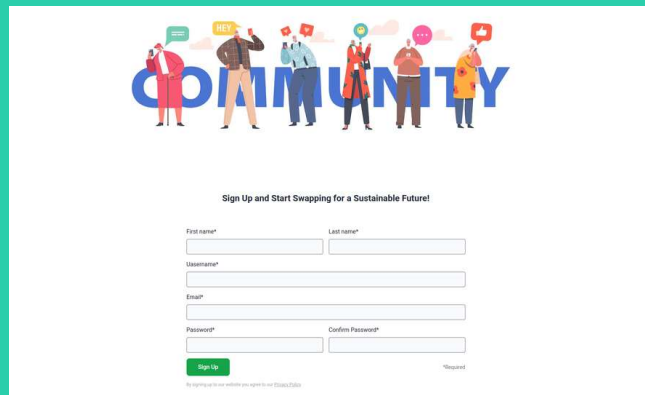
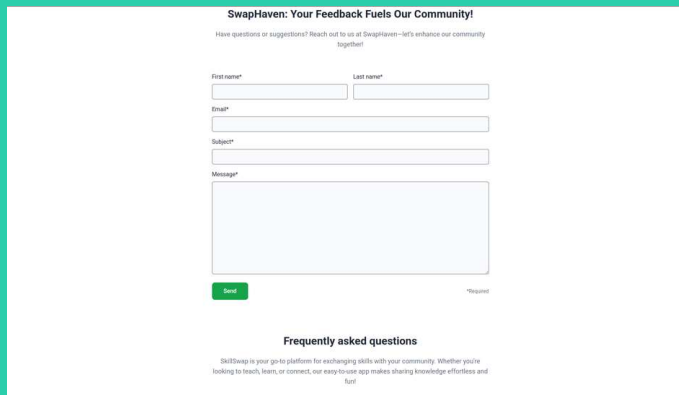
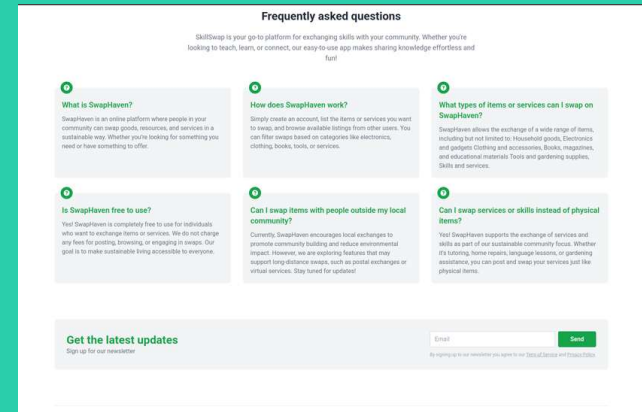
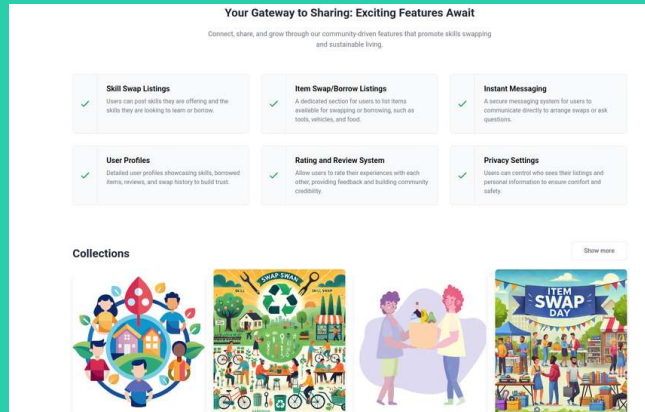
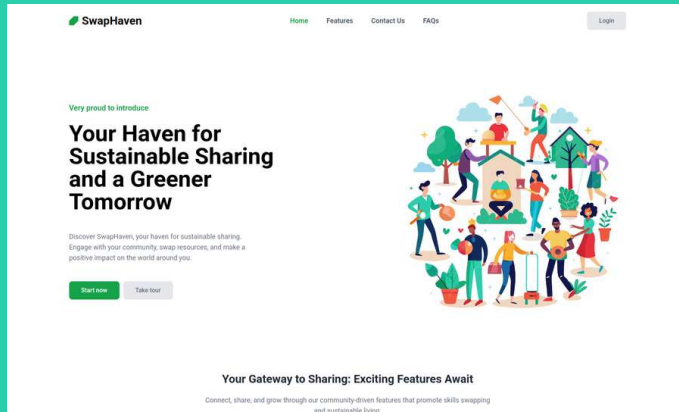


Swap, Share or Borrow



Build Community Trust

Front-End (Prototype)



Future VISION

SwapHaven: Towards a more connected, sustainable, and resourceful world.

01

Expanding the Community

- Grow SwapHaven by connecting people across cities and countries.

02

Enhancing Features

- Introduce advanced search and matching algorithms.
- Add verified profiles and trust-building tools

03

Eco-Friendly Impact

- Collaborate on initiatives to measure and showcase the environmental impact of swaps.

THANK YOU

