

Project Idea 1: Buying and sending items for natural disaster relief

This web app allows users to conveniently donate items to families affected by natural disasters around the world. It utilizes APIs that provide official, on-the-ground reports about global disasters and public datasets with information on disaster relief organizations. The user may browse through concise news reports and decide which crisis to assist, and choose an organization that will take donation items and give them to families in need. Our website also suggests which items would be most useful to send. The user can then log into an online marketplace and buy those items directly from the website, and deliver them to the chosen organization.

Project Idea 2: Providing cooking recipes based on food in your house

This web app has users enter which food items they have in their homes. It then matches the food list with recipes from APIs and suggests meals to make. The user may browse through available recipes that require ingredients that they already own. If the user is missing a few ingredients, the web app finds them using a grocery shopping API, and the user can log into a grocery delivery service to have those ingredients delivered directly to their door.