

# SHE THE FORCE:HACK FOR SUSTAINABILITY

## Problem Statement:

Waste is a material that no longer serves a purpose and so is thrown away. In some cases what one person discards may be re-used by somebody else. All waste is particularly hazardous. If not carefully disposed of, it will have an impact on the environment, whether it be unsightly litter in urban streets or contaminated air, soil or water. But what is equally important about waste is that it is recyclable.

India produces 180 million tonnes of food grains and consumes 13 million tonnes of inorganic fertilizers at a huge cost. Therefore, time has come when we have to look at the waste not merely as an environment polluter but as a recyclable material of great potential and energy saver. In India we produce 300 to 400 g of solid waste per person per day in towns of normal size.

**Sustainability** is one of the most challenging lifestyle concepts to follow. Making your business greener is good, but making it sustainable is a much greater goal which is harder to accomplish.

## ECO KART:

Go Green is a famous slogan and a common name of environmental movements around the globe. It unites people who care about nature, want to produce less waste and reduce our ecological footprint on the planet. The main idea of Go Green is to use eco-friendly products, following a sustainable way of living, and, of course, the Zero Waste concept.

So, we have designed and created a website for selling eco-friendly products called Eco Kart. Using **IBM product “App connect”**, we are connecting a slack channel with our website “Eco Kart”. In this app, eco-friendly products like Reusable produce Bags, Eco-friendly Phone cases, Recycled Plastic Belts, Ecoverse Eco-friendly Umbrella etc., are sold. And also, Women can create an impact by making these products at home and selling it. For that, we are posting the tutorial videos of our products. And also they can form small groups and community with neighbours and involve in cleanup process and planting some trees in their locality. Through this app, they can fix date and time and involve in these group activities.

## **PAPERLESS BILLING:**

Paper bill statements require businesses to print and mail account information to customers. That printed information makes its rounds through a number of people and departments before arriving in the hands of the correct customer. These lengthy, manual processes can give rise to human error as paper statements are easily lost and can potentially end up in the wrong hands.

Sending paper statements in the mail is a significant administrative function that requires many dedicated hours each month. Paper statements require printing, fulfillment, and postage for every recipient. Paperless billing, on the other hand, streamlines the process and gives employees more time to focus on strategic tasks.

Much is left up to the customer when paper statements are sent in the mail. Weeks could go by before the customer ever opens the bill, leaving a lengthy time period between a business's request for payment and receipt of funds. Because email is instant and a regular part of most customers' daily lives, an electronic statement is likely to be viewed sooner. Customers may also make payments sooner, especially if they are given a variety of payment options and empowered to submit payments online.

We have used **Chatbot(IBM product)** to connect with the customer for solving their queries.

If our developments are not sustainable, then it means we will come to suffer at some point. It may not be us, but the future generations will undoubtedly do.

We don't have to engage in grand, heroic actions to participate in change. Small acts, when multiplied by millions of people, can transform the world.

Let's join virtually together to make an impact.

Thank you!!!