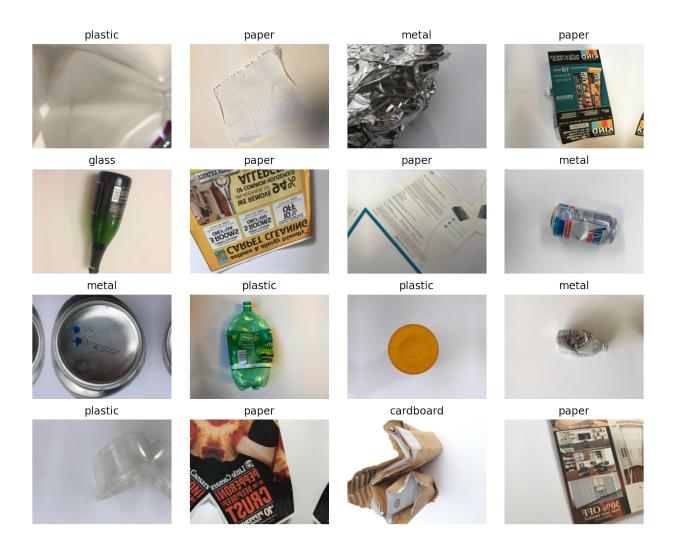
## **Recycling using Deep learning**

## **Goal of the Project:**

The objective of this project is to take images of a single piece of recycling or garbage and classify it into six classes consisting of glass, paper, metal, plastic, cardboard, and trash. We also create a dataset that contains around 400-500 images for each class. This project will help people in Saudi Arabia learn how to properly sort their garbage.



## **TEST CONFUSION MATRIX:**

Resnet34 is a CNN with 34 layers

The model seems to have confused metal for glass and plastic for glass. With more time, I'm sure further investigation could help reduce these mistakes.

