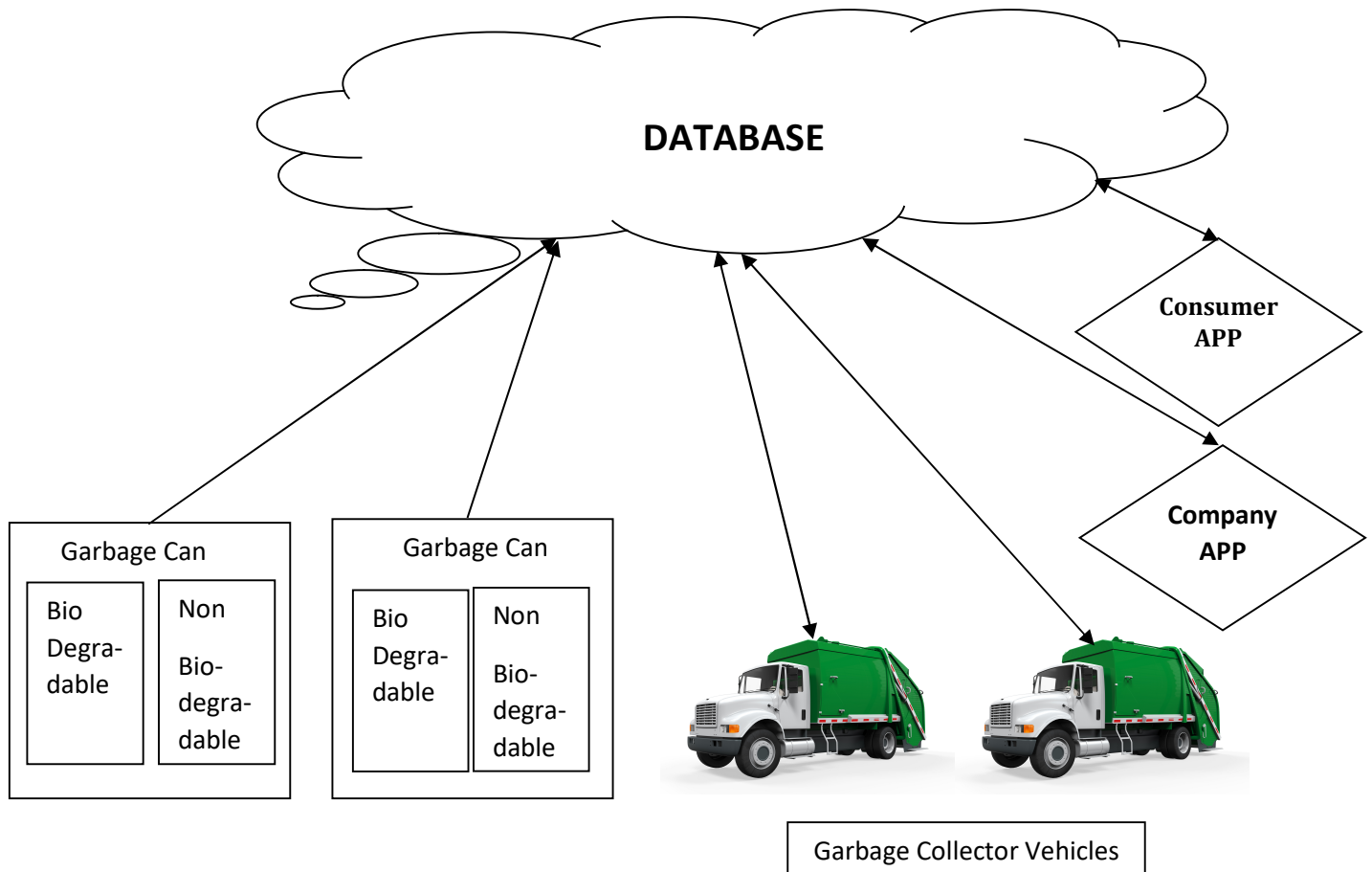


Group 6

SMART GARBAGE VAN TRACKING AND ALERT SYSTEM USING IOT

Product Architecture



The sensors in the garbage cans indicate the quantity and quality of the garbage material, based on which the data is sent to the database then to the Company app. The company app then alerts the nearby Garbage Collector Vehicles indicating them to collect the garbage. There will also be a consumer app which is accessible to the consumers if they are in an emergency and want their garbage to be cleaned, they can contact us through the app. The Garbage Collector Vehicles will keep on updating their locations for tracking, all these data will be stored and monitored in the database.