First of all, let me draw your attention to the need for a better dustbin.

As we can see this how our normal public dustbin looks like. No wonder people don’t go any near them.

Then let list out some of the reasons for not going any near these dustbins,

1)Ordinary dustbins are unhygienic and stink.

2)To prevent the smell and bacterias from coming out some dustbins even have lids, but those become so dirty that even no one wants to go any near them.

3)These unhygienic dustbins demotivate others to use them, which ultimately results in throwing our waste elsewhere.

Then what are the solutions to these problems, let’s see

1)Our first problem can be solved by having a lid i.e our dustbin should definitely have a lid.

2)But to solve our second problem, there should be no need to touch or come very close to our dustbin to open our lid.

3)It should somehow encourage others to use that dustbin.

And these all problems are solved by our smart dustbin

1)It surely has a lid.

2)Lid opens automatically, so no need to touch those dustbins.

3)It encourages other since whenever a person holding some trash even passes in front of it, that lid opens encouraging the person to throw their trash in the dustbin.

And after all that our dustbin also has some extra special features.

1)We have programmed our dustbin in such a way that it remains open until the user is finished throwing all the waste. That means there is no time limit, it will automatically detect when you are finished.

2)It detects even from half a meter distance from dustbin so that you don’t have to come too close to the dustbin if we don’t want too.

3)It can even see in the dark, therefore it can even detect when there is no light around.

4)Its battery life is about 3 months and it gets power from a simple 9 volts battery. Which can be purchased from any nearby stationery.

5)It can also be powered through your power banks, in case you don’t have a battery.