

# Plasta-B room

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How can I  
innovate a broom  
to make this  
product more  
useful and better?

# The Problem

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# The Problem

with the original broom

The main problem with the original broom is that the straw used in the majority of brooms is weak. There is 2 main problems that come along with straw: it can fall off, or not pick up all of the mess needed to be cleaned.

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# The Solved Problem + Reason

The new Plasta-Broom solves many problems that the original broom cannot. I chose this because the new plastic strips have grooves in them, which means that it can pick up much more mess than originally. Also since the new strips are glued down this means that there is a much less chance that they will end up falling off.

This makes the broom so much more productive and useful in many different households. This gives many reasons why the average consumer should make this smart purchase towards the broom.



# Challenges



What were the challenges that came along with this innovation?

# Challenges

There was many challenges that came along with this innovation. Although the main problem was the plastic strips. This part was very complex because the shape needs to be sort of like an oval, you also have to make sure that the pieces are connected right. To make sure the tube and the bottle are correctly connected you have to make sure and file down/add width to the nozzle so you can make sure they fit.

# Overcoming

I had to use a hot glue gun to make sure that all of the plastic strips were correctly applied.

With the nozzle I had to somehow file it down and make it snug so it would properly work.



# Changes



What changes  
would I make if  
i could do this  
project again?

# The Re-Do

- If I had to redo this project I would make sure to make the plastic strips a little larger so that they could all be equal to each other and not be staggered.
- I would also make the nozzle fatter so it would be larger and so that I could fit even more strips into the broom.
- I would add bubble wrap to the handle so that it would make the time using this product more enjoyable even though no one likes using a broom.