

UNIVERSITI MALAYSIA PAHANG

FACULTY OF CIVIL ENGINEERING & EARTH RESOURCES

TECHNICAL WRITING

UHR 2322

MOHD AZIZI BIN ABDUL AA10224

NIK FARAHIYAH BINTI NIK MOHAMED AA10222

HOU CHEN XIAO AA10207

**MOBILE PIZZA CUTTER**

**BRIEF DESCRIPTION**

Our group chose to create something called a mobile pizza cutter. Usually we will use the pizza cutting knife. When using a knife, sometimes the cut parts are not perfectly cut. It causes us to slicing the pizza several times in the same place to get a piece of pizza.

In this design, the cutter that we will make is using scissors. The purpose of the scissors is to produce a piece of pizza that looks much more smooth and simple. This tool is called a mobile lifting because there is a thing that will lift the slice of pizza with the scissors. The purpose of this lifting is after we make the second piece, we can continue to lift the pizza was cut into plates. So even though the pizza was still hot, we were able to cut and continue lifting without any problems. We also no longer need to slice the sliced several times.

Actually, we found this idea on the internet. But these tools are not sold in Malaysia. So we decided to market this tool as it seems useful to various parties, especially for those who like to make a pizza and a member of the business. This tool is also suitable for pizza vendor at the night market.

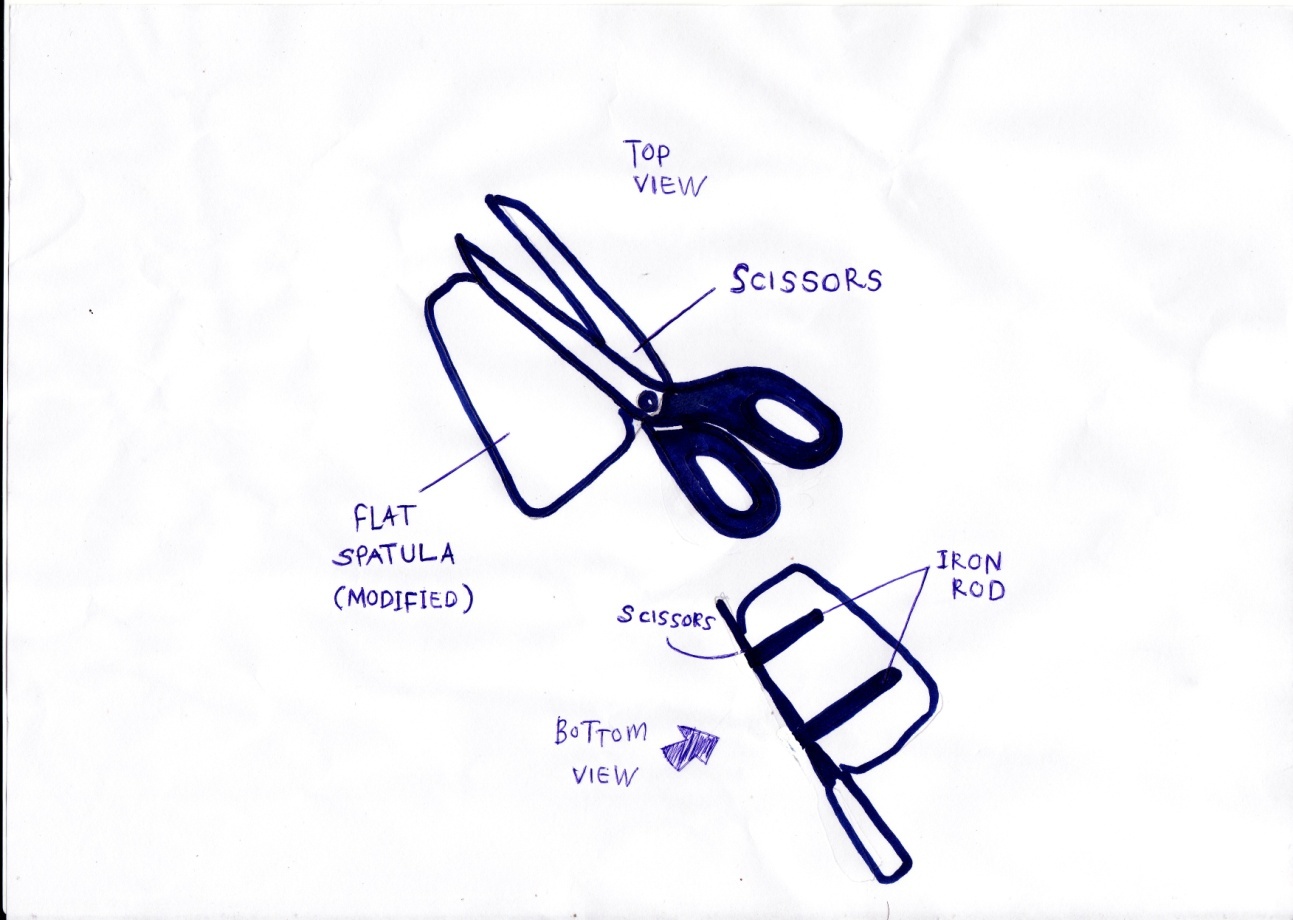
In conclusion, we would expect this device to be marketed to help people in need. Although its function seems very simple, but we are proud that this tool will still be helpful.

**OBJECTIVES**

The objectives of this invention are:

* Can be use in many way.
* Easy to cut the pizza in smooth way.
* Make the tools more attractive.
* Make the life easier

**SKETCH OF PROTOTYPE**



**TARGETED AUDIENCE**

1. Housewife

* It is easy to use either for an adult or for a child. It’s not too dangerous if we know how to keep it at the safe place.
* It is also can make our life easier. Obviously we don’t have to slice the pizza over again when it not cut.
* This tool also may be easy to make.

1. Businessman

* This tool can make the business grow. It is because it helps speed up the business.

**LIST OF MATERIALS/ EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| **No.** | **Material** | **Cost** |
| 1 | Scissors | RM3 |
| 2 | Plate spatula | RM2 |
| 3 | Steel rod and MIG welding alloy | RM5 |
| Total | RM10 |

**GENERAL PROCEDURES TO PRODUCE INVENTION**

* Provide needed materials such as iron rods, scissors, and a spatula.
* Cut the iron rod into 2 pieces.
* Take a rod of iron that had been cut, and welding the steel rod on one blade scissors.
* Take the other rod, then welding the rod at the end of the scissors over the bar which was the first stand welding rod.
* Put the spatula that has been put in the discard holder on the rod of iron who had been welding.
* Welding the rod of iron with the spatula.
* Clean the tool
* It is ready to be use.

**GENERAL INSTRUCTIONS TO USE INVENTION**

* For the first cut of the pizza, turn over the pad to the top for easy cutting.
* Make it upside down again for a further cuts.
* Lift the pizza that was ready to cut into the plate.

**GANT CHART OF FUNCTIONAL TABLE**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Task to perform |  |  |  | week |  |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1.Group Formation & Brainstorming |  |  |  |  |  |  |  |  |
| ALL |
| 2.Gathering Data & Research |  |  |  |  |  |  |  |  |
| ALL |
| 3.Writing Proposal |  |  |  |  |  |  |  |  |
| ALL |
| 4.Preparing Materials |  |  |  |  |  |  |  |  |
| A |  |
| 5.Writing Process |  |  |  |  |  |  |  |  |
|  |
| 6.Preparing Prototype |  |  |  |  |  |  |  |  |
|  |  |
| 7.Writing Progress Report |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 8.Testing Function |  |  |  |  |  |  |  |  |
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| 9.Preparing Project Report |  |  |  |  |  |  |  |  |
|
| 10.Preparing |  |  |  |  |  |  |  |  |
| Project Report |  |  |  |  |  |  |  |  |