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SKADIS BOX
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1.0 INVENTION TITLE

In the furniture category, storage boxes are one of the categories in furniture. As we look, storage boxes on the market today contain many types according to their suitability and functionality. Box (plural: boxes) describes a variety of containers and receptacles for permanent use as storage, or for temporary use, often for transporting contents.

Boxes may be made of durable materials such as wood or metal, or of corrugated fibreboard, paperboard, or other non-durable materials. The size may vary from very small (e.g., a matchbox) to the size of a large appliance. A corrugated box is a very common shipping container. When no specific shape is described, a box of rectangular cross-section with all sides flat may be expected, but a box may have a horizontal cross section that is square, elongated, round or oval; sloped or domed top surfaces, or vertical edges. They are not always made up of squares.

Decorative or storage boxes may be opened by raising, pulling, sliding or removing the lid, which may be hinged and/or fastened by a catch, clasp, or lock. However, every storage box that is produced should attract customers to buy in order to get a lot of response. With this storage box it solves problems like keys, bills and letters in one place. To address the issue, we plan to produce a product named "Skadis box", the purpose of this product is to solve problems encountered with keys, bills, and letters.

The product is called "Skadis", the word is from Sweden. The purpose of the project is to obtain the name because the country has a leading manufacturer of imported furniture items such as Ikea. In other words, "Skadis" has the meaning of its own characteristics that can be attributed to the results of this product. Examples of his attributes are creative, cheerful, and modern. The creative features of this product are the result of a designed pattern. This product has a honeycomb-like pattern. In addition, the second feature is cheerful. This product has a colour vision as it is used almost entirely with pallet, pegboard, and plywood. Finally, is the modernization of this product. Seeing the previous product has a problem with the storage limit.

2.0 PROBLEM STATEMENT

These three items have important functions such as function keys to protect the security of their assets from theft. Subsequent bills / invoices for services such as water bills, electricity bills and so on. In terms of billing or invoicing accounting is the same document. A bill or invoice is a business document issued by the seller / supplier to the buyer / customer which records the type of goods or services supplied and the quantity and price. In addition, letters serve to convey information in writing from one party to another (person, organization, agency or institute).

The problem of misplaced the key is that it can have some adverse effects on the user for example when having to go somewhere for example need to go to work at the same time need to find the misplaced key and it will take a long time to find and will result in late work. This causes users to feel stressed because of the problem. Not only is it possible to go to work and even if it is an emergency for people around us, it can be a great risk to the patient due to the delay in going to the hospital. This problem can make stress for users.

In addition, delays in the payment of electricity bills, Astro, water etc. Will result in deductions and consumers will have problems managing theirs daily life such as getting clean water supply, electricity supply and so on. Because these bills are put everywhere and maybe they are forgot or ignore their amount due. Upon receipt of the deduction notice, the user become aware of the delinquency and it is time to look for a bill. Therefore, it also results in delayed payments and higher fees due to fines.

After that, is a letter problem. Important or not-so-important letters also need to be handled well. Examples of important letters such as notices from banks, authorities, universities, civil servants, courts and others. This important letter needs to be well managed so that we can resolve or identify issues with a specific early. So, we might be more prepared or alert in those notices. As a result of poor letter management such as mail not being placed anywhere or where there is no dedicated place is may result in delay in notifying the notices. It also takes time or complicates the process solutions such as problems with bank and courts as well as the authorities, may also be subject to fines or penalties for neglecting notices. In addition, letters such as a continuation offer study if it is not managed can also result in missed registration opportunities for the field offered. In conclusion, the management of these important letter needs to be well managed so that these problems do not occur.

Since this study has issues, how frustrating can it be if we have ever lost our keys? One thing for sure is panic and stress sometimes could be a fight between family and friend but that are not going to offer any viable solution. One solution that may help in this regard is to produce special product storage specifically for keys, bills and letters. The availability of this product makes it easier for human beings to be less vulnerable and more responsible for matters of importance and without the need for too long.

3.0 RESEARCH METHODOLOGY

We use two methods; the first method is to collect the results of questionnaires from people who volunteer to obtain a sample of data for the appropriateness of the production of the 'Skadis box' project. While the second method of our methodology is about the materials used to produce 'Skadis box' products. The first results we have obtained are the findings that are expected to be in favour of the results of our research proposal because according to the questionnaire we obtained, most respondents around 75% do not have a place to keep keys, bills, and letters in one place. In addition, the result of the second study is the use of pallet wood to produce 'Skadis box' shows that the pallet wood is cheap and easy to find.

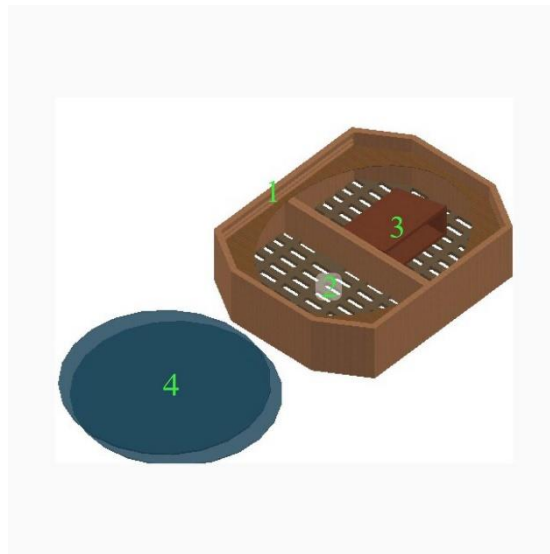
4.0 PROPOSED SOLUTIONS

As it is said that the production of this product can help make it easier for consumers to store items such as keys, bills, and letters in one place. Through the results of this creativity, we get ideas from the results of discussions of group members to pass the product manufacturer according to the design that can provide quality to the product, including through the results of materials used.

5.0 BENEFITS

"Skadis box" can make the interior decoration as well as storage space for keys, bills, and letters. Besides, a large space can be used for the long-term storage of goods. Furthermore, the use of internal storage space can be adjusted according to the user's taste.

6.0 HOW TO IMPLEMENT / METHOD OF USE



1. This 'Skadis box' can be attached to any part of the wall.
2. Place the hanger for the keys using pegboard hook.
3. Storage for bills and letters.
4. Sliding is Perspex used as a door for 'Skadis box'.

7.0 CONCLUSION

We hope that the production of this 'Skadis box' product can have a positive impact on consumers so that consumers do not place items of interest everywhere.