



اَبُو سَيِّدَاتِي كَوَّلُو كِي مَارَا
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MARA

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BLUEPRINT
PORTABLE DOC CASE

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1.0 EXECUTIVE SUMMARY

In this current situation, people like the thing that can ease their life. In order to fulfil the demand, I came out with the idea of Portable Doc Case. I focus on worker and student population which are still using a bag to their office or campus. Therefore, we have designed the product suitable to customers need. Plus, the Portable Doc Case have many advantages compared to others common briefcase because we develop some new function such as many compartments, have searching code, attachable and not easily torn. Our product has great quality and technology that can satisfying people. We applied the hardy and light element because it will ease our customer to bring it anywhere, they go. Furthermore, we provide the affordable price with high quality material and provide long lasting product.

We develop some new function to overcome the problem from previous issues that happen when use the common briefcase. People do not have to worry about the future problem because we provide great function from our briefcase. Other than that, we implement with interesting design that will attract people to use and easy to carry wherever they bring.

2.0 PRODUCT DESCRIPTION

The design of Potable Doc Case is unique because it is the only briefcase that can be attached to the wall. We confirm the product is multifunction. As stated before, the case has many compartments to keep documents and stationery. Each compartment will be provided with a code to facilitate the search process. When it has been set in the front of the case to make the document search process easier. When we enter the code, the compartment where the file is will pop out at the side of the case. It's like a concept of a drawer. At the bottom of the case there will be a separate compartment that can hold stationery such as pen, pencil, paper clip, and glue. Portable Doc Case uses digital electronic code so 3AAA batteries are used as an energy supply. The battery has more than 1-year battery life and after the battery ends it can be changeable. This case uses low power consumption and the digital electronic code is an automatic prompt when the power is enough. Other than that, Potable Doc Case comes with multiple colours to let customers choose their favourite case. There are 7 colours of Potable Doc Case which are black, white, blue, green, pink, purple and red. Additionally, this case is created with very light weight to make customers face no problem to carry the case.

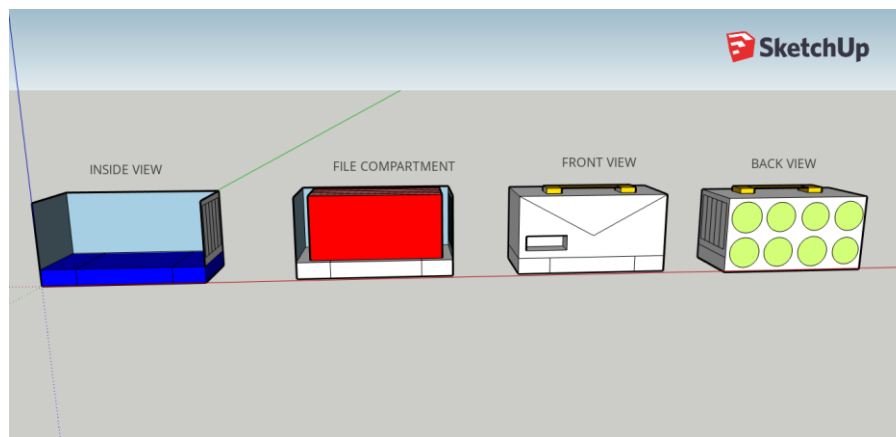



Figure 1: Portable Doc Case

3.0 TECHNOLOGY DESCRIPTION

Portable Doc Case using a technology of a smart locks which using a numerical code for authentication are typically called digital keypad. They usually accept combination lengths between 4 and 12 digits, and do not require users to possess any physical key to gain access. an electronic safe is an electro-mechanical safe operated by electronics. The electronic code lock is an electronic product that controls the circuit or chip operation (access control system) through password input, thereby controlling the closing of the mechanical switch and completing the unlocking and locking tasks. The reason we have developed this product with simply and friendly user is to ease our customer so they would have a quality work time.

| Technology used | Description |
|--|--|
|  | Touch Keypad Password Key Access Lock Digital Electronic Code |