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SHOE DRYER
IN UITMBB COLLEGE

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ABSTRACT

The amount of time it takes for shoes to dry out in the sun might vary depending on the weather. A shoe drier is created as a remedy for this issue. This shoe drier is portable, lightweight, and has a quick drying time. The idea behind the design is to channel air and body into the shoes using PVC pipes as a body duct. In order to make it simple for people to dry their shoes, the air source employs a hair dryer-style mechanism in which air is created from the spinning of a fan powered by electricity and heated to a low temperature. We must be ready for unforeseen events, for instance, when we hike or travel on a vacation to a chilly location. To some degree, the design of this portable shoe drier, which is lightweight and portable, may offer the convenience of drying shoes anywhere. Our research, which involved asking an online inquiry, revealed that students and housewives are the ones who encounter this issue most frequently. This shoe drier was made in an inexpensive manner using high-quality components so that it would be a practical tool for housewives and students. Due to its medium-sized tool design, the shoe drier is portable and lightweight. So, Shoe Dryer was created to solve this issue.

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1.0 Introduction

1.1 Background of Study

The creation of a shoe dryer apparatus is the subject of our project. It's quite easy for us to operate this device. The reason for this is that all we need to do to utilise it is plug it into an electrical outlet and turn it on. Because it uses little electricity, little labour, and effectively dries shoes overnight, our project is safe to use. When compared to other shoe dryers, the device that uses thermal convection drying from a light bulb, which causes warm air to naturally rise, can dry any shoes in a short amount of time. In Malaysia, we have a situation known as variable weather, which might make it difficult for us to dry our shoes, particularly during the rainy season. This device at least allows us to dry one pair of shoes so we can wear them the following day. While conserving the investment in our shoes, this straightforward shoe drier may also make them more pleasant each day. In addition, it is appropriate to clean the shoes of any odour, moisture, and perspiration. This is so that each of the shoe dryer's apparatuses have an air gap. To provide the shoes a strong heater, a heating element was chosen. Finally, this device isn't so big that it can only dry a pair of shoes at a time.

1.2 Problem Statement

Electrical items, whose typical prices have been known to range from low to high, are the tools required in the production of this project. We do, however, desire high-quality products that we are aware will not be inexpensive if we want to guarantee that something occurs. 2 Additionally, it might be difficult to reuse electrical products like PVC pipes and heating appliances since they frequently need to be fixed after suffering damage. Our project, however, emphasises the budget because there are only two of us in the group, and this will undoubtedly cause delays