

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND OF THE STUDY

The author will make a new kind of nutrition bar because the author wants to make a new kind of taste of most nutrition bar. Generally, chocolate bar used common taste for their flavoring and usually it doesn't contain many nutrition for the body.

A chocolate bar is a confection containing chocolate, which may also contain layerings or mixtures that include nuts, fruit, caramel, nougat, and wafers. A flat, easily breakable, chocolate bar is also called a tablet. A wide variety of chocolate bar brands are sold.

Bananas are healthy and delicious. They are very low in saturated fat, cholesterol, and sodium and an excellent source of dietary fiber, vitamin C, potassium, choline, manganese, and vitamin B6. Bananas are amongst the most widely consumed fruits on the planet and, according to the U.S. Department of Agriculture, America's favorite healthy snack. Fermented bananas take all the goodness bananas have to offer and add the additional benefit of probiotics to the mix. If you are unfamiliar with the benefits fermented food and probiotics, you are in for a pleasant surprise.

An eggshell is the hard, outer covering of an egg. It consists mostly of calcium carbonate, a common form of calcium. The rest is made up of protein and other minerals. Calcium is an essential mineral that is abundant in many foods, including dairy products. Lower amounts are also found in many leafy and root vegetables. In the past decades, eggshell powder processed from hen eggs has been used as a natural calcium supplement. Eggshells are roughly 40% calcium, with each gram providing 381–401 mg. Half an eggshell may provide enough calcium to meet the daily

requirements for adults, which is 1,000 mg per day.

Eggshells consist of calcium carbonate, along with small amounts of protein and other organic compounds. Calcium carbonate is the most common form of calcium in nature, making up seashells, coral reefs and limestone. It is also the cheapest and most widely available form of calcium in supplements. Studies in rats and piglets confirm that eggshells are a rich calcium source. Moreover, they are absorbed as effectively as pure calcium carbonate.

1.2 THE OBJECTIVE OF THE STUDY

1. The development of this product mainly aims to become a source of knowledge for the community that chocolate bar that is high on calcium and contain probiotics.
2. Become a form of business as a new product in the field of entrepreneurship