

# CHAPTER I

## INTRODUCTION

### 1.1 Background of Study

Beton is the seeds of jackfruit, where jackfruit is from the tropical forest in Western Ghats Southern India, that is cultivated in Southern Asia.( M,Rizqi ,2022) Here we use jackfruit seeds called beton as the main ingredients in herbal drink, where herbal drink Is from China. Beton is a usual seeds that have lots of nutrient where normally people throw, and this antioxidant herbal drink were use to be the base of tea. Where tea are made of the condiments of dried leaves and seeds. Antioxidant Herbal Tea tooks several steps to produce this product which are jackfruit seeds are peeled and chopped into small size and dried. Also drying the other condiments jackfruit flesh , butterfly pea , mint leaves, then packed in grams into the tea bag. To serve this antioxidant herbal drink it only need hot water and some honey is optional.

Meanwhile the trend is not really into with herbal drinks, but old fashion people are used to the antioxidant herbal drink, commonly Chinese people. Why substituting the main ingredients of this high antioxidant herbal drink with the waste of jackfruit seeds is to helps to reduce the wastage of food condiments that can be processed. This antioxidant herbal drink innovation are competitive with the instant herbal drinks or essence drink. There are lots of reasons why re processing food waste seeds into the main herbal drink is to help in reducing the problem of foodwaste. The utilization of beton for high antioxidant herbal drink are 100% preservative free and essence free ingredients. The texture of beton is firm and when after the process of drying method applied to beton it will be harder and texture is similar with a roasted peanut. With a flat taste, but we can get the mint flavor

from the mint leave and the sweet fragrance from the butterfly pea flower.

The main ingredients is dried beton , dried jackfruit flesh, dried mint leaf and butterfly pea flower. The benefit of beton or jackfruit seeds is to help in human digestion system , and the fiber we get in jackfruit seeds is to keep you full in a long time. why do we use beton( jackfruit seeds ) is because beton is high in antioxidant and the anti-microbial component that can be used to treat food poisoning and stomach disorders, beton helps to increase human immune system to avoid the infection and acts as a protective shield by strengthening the immune system. It also helps to prevent cancer and reduce cholesterol because of its high fiber and antioxidant content (VeruryVeruna Handayani , 2010), and this ingredients is fresh they have no preservative and claim it as a high antioxidant drink. Mint leave and butterfly pea flower also have the substance of antioxidant. With the combination of this tea ingredients having substance in antioxidant here we can claim as a high antioxidant herbal drink to prevent cancer. Beton have many source of nutrient

The use of beton (jackfruit seeds) in the wider community is still very limited, normally only by boiling and roasting and has not been used as a commodity that has more value. Beside utilizing beton to be a herbal drink in high antioxidant normally people use beton to be beton chips , Beton also can be processed into a flour to be the alternative all purpose flour which can be used as a substitute for making a noodle , pizza dough , bread and others.

## **1.2 The objective of the study**

The objectives of this study are following below:

1. In order to introduce this antioxidant herbal drink and increase the demand of antioxidant herbal drink from beton
2. To preserve the utilization beton into high antioxidant herbal drink might have the chance to be accepted by more people especially old fashion people who loves healthy herbal drinks, and can be recommended for people who suffer from several diseases
3. For this product to be marketed in the market of beton herbal drink can be another alternative herbal drinks to utilize beton from the food waste.