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### Chapter 1: Introduction

This introduction will focus on the historical background of the coronavirus, the possible origins of the virus, the ways of transmission of the virus, how it affects the world and the precautions. However, coronavirus disease (COVID) could be combatted using digital technologies such as contact tracing applications on our mobile phones. The aims, objectives, and project planning of the coming research project will be introduced here.

### 1.1: Historical Background

#### 1.1.1: SARS-1

History shows that Severe Acute Respiratory Syndrome (SARS) was considered the first pandemic of the twenty-first century (LeDuc & Barry, 2004). Severe acute respiratory syndrome coronavirus (SARS-CoV or SARS-CoV-1) triggered 774 deaths out of 8096 cases among 29 territories (Cherry, 2004). The first case was recorded in China within the years 2002 to 2004.

Epidemiologists found out that palm civets (palm civets are closely related to mongoose and weasels) although they are omnivores, their favourite foods include Chiku, coffee, mango, rambutan, and palm flower sap (Staff, 2021). National geography revealed that the world's most expensive coffee and less acidic coffee are made from civets' poop (BALE, 2016) were served as food in a restaurant in Guangzhou. The origin of the SARS was known as all the six(6) palm civets served were common amongst the top first infectious patients (Wang, et al., 2005). Figure 1.1 shows an Asian palm civet and Figure 1.2 shows how Parisians cook it (RANKIN, 2012).