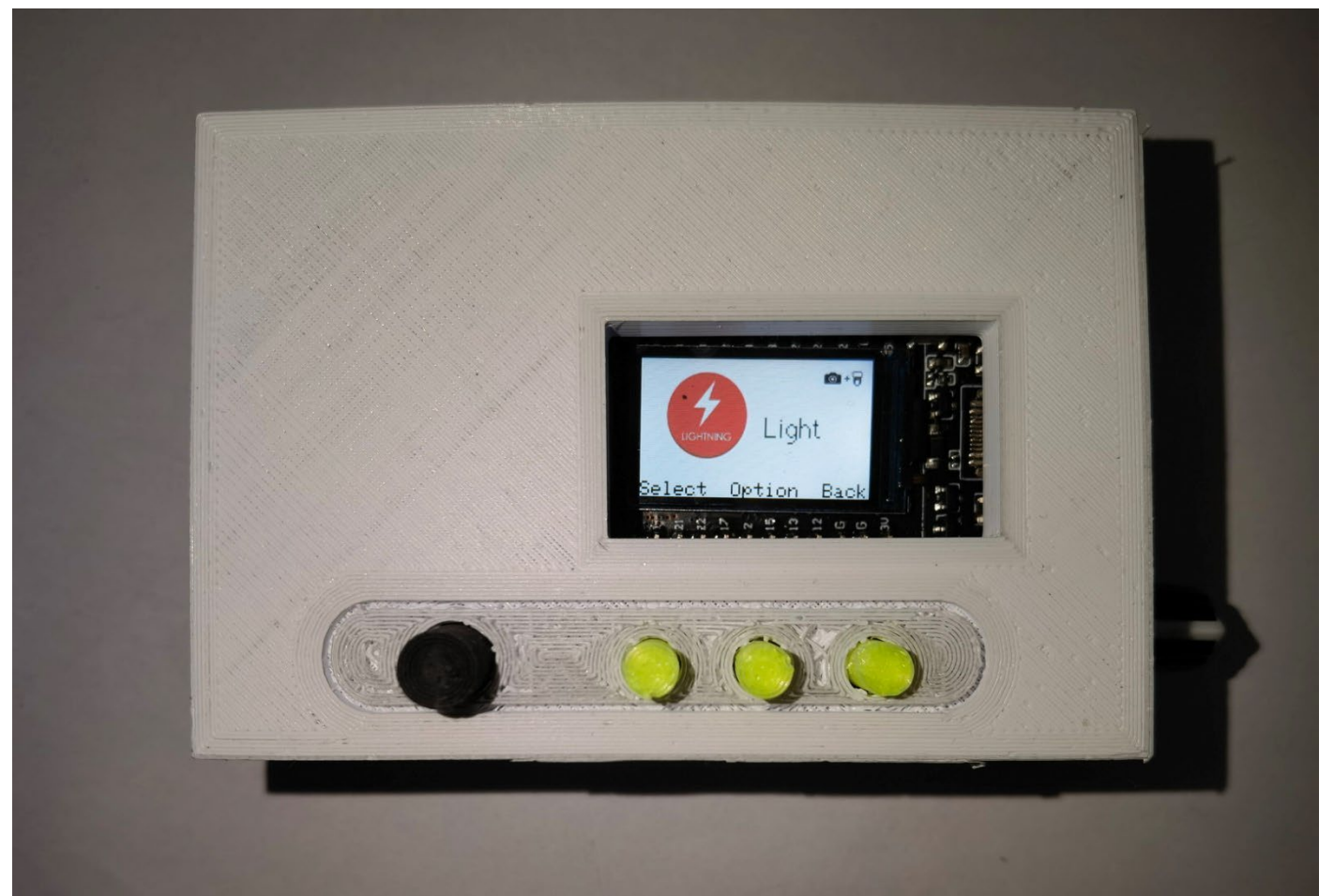
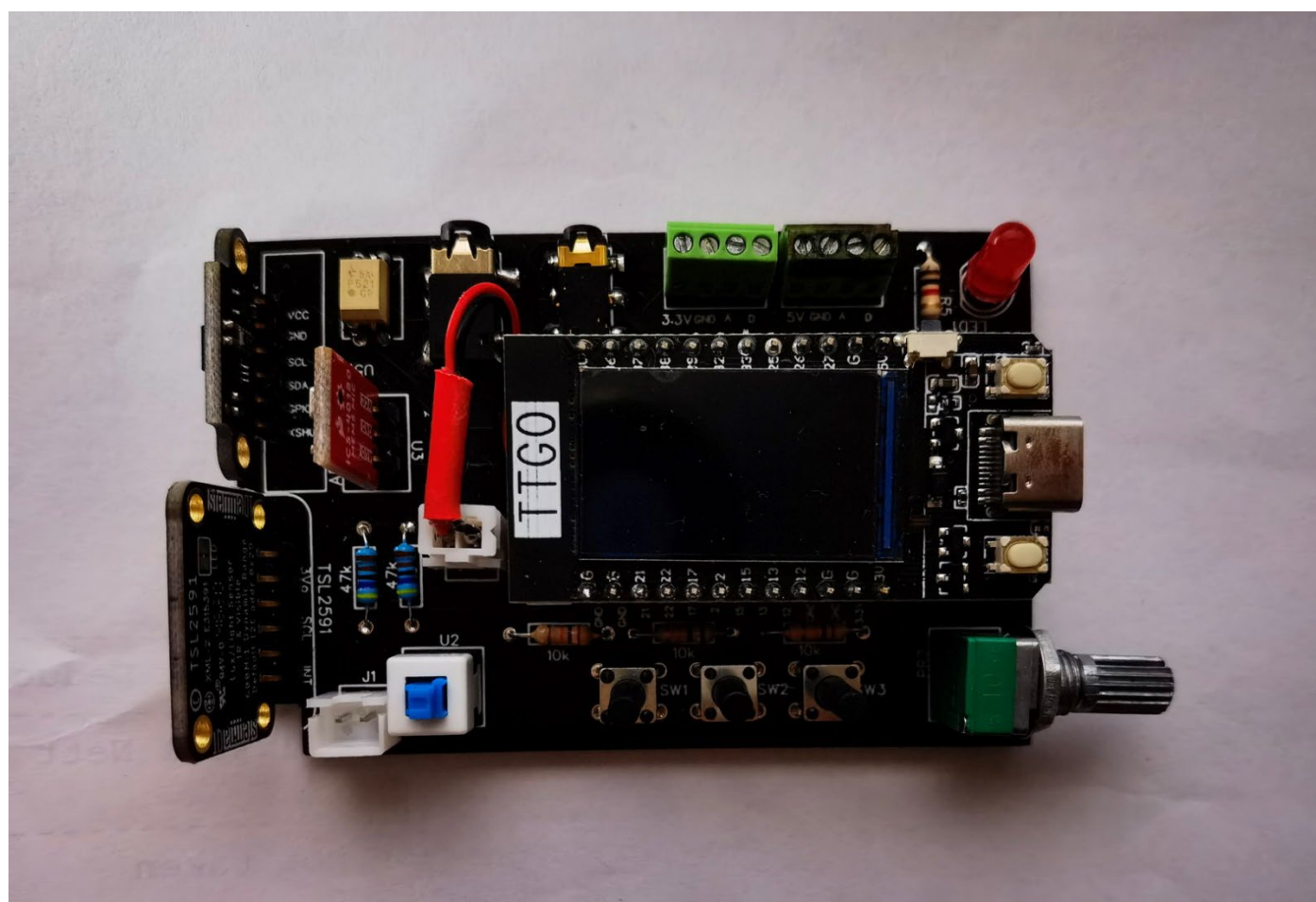


Snap Assistant (ESP32 TTGO)

Smart Assistant for Photographers

Student: Hong Zeyi

Supervisor: A/P Chia Liang Tien



Project Objectives:

The goal of this project is to develop an entirely new Snap Assistant. Snap Assistant's prior version, which consisted of hardware and Android software, was more functional but inconvenient. The new Snap Assistant is designed to be portable and independent. This Snap Assistant is designed to keep the PCB as small as possible in order to make it portable. The new Snap Assistant is more independent, all operations can be completed within the device itself, eliminating the need for Android phones. Not only that, this Snap Assistant also really simple to use. photographer can simply learn how to use the product with the assistance of few icons and simple text descriptions. For those more professional photographers, we also provide additional interfaces to sensors and actuators, they can apply more different sensors and actuators to deal with different photography scenarios.