## **Project Design Phase-I Proposed Solution Template**

Date	5 October 2022
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Maximum Marks	2 Marks

## **Question-1:**

```
Write python code for blinking LED and Traffic lights for Raspberry pi.
Code for blinking LED:
     L ED_PIN=17
    import RPi.GPIO as GPIO
    import time
    GPIO.setmode(GPIO.BCM)
    GPIO.setup(LED_PIN,GPIO.OUT)
    try:
       while True:
            GPIO.output(LED_PIN,GPIO.HIGH)
            time.sleep(1)
           GPIO.output(LED_PIN,GPIO.LOW)
           time.sleep(1)
     except KeyaboardInterrupt:
           GPIO.cleanup()
 Code for Traffic lights:
      IS_REGULAR = True
      def regular():
        while True:
            if not GPIO.input(channel) and not IS_REGULAR:
```