

**Team ID: PNT2022TMID04073**

## **Delivery plan sprint-1**

### **Live Location Tracking:**

The safety device has GPS installed so that its current location may be traced using an Android app and by sending an SMS request from the parent phone to the safety device. results of real-time location monitoring.

### **Panic Alert Systems:**

When a panic attack occurs, the panic alarm mechanism on the device activates, making an automatic call and sending an SMS to the parent's phone. Additionally, the alert is updated in the cloud for the purpose of monitoring the app.

### **Stay Connected Feature:**

By just pushing a button, the stay connected feature can initiate calls and predefined SMS from the gadget to the parent's phone at any time. The parent can also send SMS and make calls to the gadget at any time.

### **Health Monitoring System:**

Heart rate and temperature sensors that are updated to the cloud and can be viewed via an app are used in the health monitoring system. Using an SMS request made to the device from the parent phone, you can find out the sensors' current value. the system's outputs for tracking health.

### **Gadget Plugged or Unplugged Monitoring:**

The contact switch on smart devices is used to monitor whether a device is plugged in or not. When a device is unplugged, an SMS alert is sent to the parent's phone and the data is updated in the cloud for app monitoring.

### **Boundary monitoring system:**

When the safety device moves far enough away from the BLE listener gadget, an alert is sent to itself. This is utilised to track the safety device using the binding gadget by using the signal strength notion. Broadcasting and listening devices.