Deliveryplansprint-1

LiveLocationTracking:

GPS is installed on gadget to track its current locationcan be tracked on android app and via SMS request sentfrom parent phone to safety gadget. Outputs of livelocationtracking

PanicAlertSystems:

Panic alert system on gadget is triggered during panicsituation,automaticcallandSMSaretriggeredtoparental phone. The alert is also updated to the cloud forpurpose of app monitoring. Fig. 4. Outputs of panic alertsystem.

StayConnectedFeature:

Stay connected feature is used to trigger call and pre-defined SMS anytime from gadget to parental phone by justpressing a button and also parent can make SMS and call tothegadgetanytime.

HealthMonitoringSystem:

Healthmonitoringsystemisimplementedusingheartbeat sensor, temperature sensor which is updated to thecloud and also can be monitored via app. The currentvalue of sensors can be obtained using SMS request senttogadgetfrom parentphone.Outputsof healthmonitoring system.

GadgetPluggedorUnpluggedMonitoring:

Gadgetplugorunpluggedismonitoredusingcontact

switch installed on smart gadget, as soon as the deviceis unplugged, an alert is provided to parent phone viaSMSanditisalsoupdatedtocloudforappmonitoring.

Boundarymonitoringsystem:

This is used to track the safety gadget using the bindinggadget by implementing signal strength concept as soon asthe safety gadget moves far away from the BLE listenergadgetthenanalertisprovidedtoitself.Listenerdevic eandbroadcastdevice.