

GPS Phy
CONNECTED

Data (Latitude, Longitude)
date & time

ESP2866
(NODE MCU)

Physically
Connected to
trigger GPS

ARDUINO
ACCELEROMETER

SD CARD
Phy Connected

Offline Storage
of JSON Data

Transformed into
Online

Direct Online
Calibrated
JSON DATA

AWS CORE
IOT

or

~~AWS
GREENGRASS~~

Offline SD card data

MAIN DATABASE + FILE SYSTEM

AWS LAMBDA — AWS S3

AWS LAMBDA — DYNAMODB

ARCHIVED
DATA

AWS LAMBDA — AWS SNS

NOTIFICATION SYSTEM

(NOT SURE)

AWS APPSYNC

- Security & Compliance
- Customised Pages
- Authentication

AWS COGNITO

AWS AMPLIFY
(Low level monitoring)

~~Track Customer~~

AWS PINPOINT

- Customer Analysis
- Global Notifications

ANDROID APP