# 1.) TripCalculator:

- Uses Google Maps API to calculate trip times with various methods of transportation
- · Looks for trips that meet inefficiency threshold
- Notifies user of alternatives

## 2.) ServiceInitializer:

- · Creates services
- Connects services
- Creates, manages, and passes sensors

# 3.) TripMonitor:

- · Detects when trip has started
- Detects when trip has ended
- · Looks for similar trip times in DB
- · Records trip times in DB

#### 4.) AccelerationAlarm:

- · Detects when user exceeds inefficient acceleration
- Alerts user (sound)

## 5.) StoplightMonitor:

- Detects when user has stopped at stoplight
- Detects when user has left stoplight
- Looks for similar stoplights in DB
- · Inserts stoplights into DB

