

Telit

# **m2m air Cloud**

**Mobile App**

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# User Experience (UX) Design

1. Use Cases – flow, content, look & feel
2. Web vs. Mobile
  - Replication vs. Extension
  - Functional vs. Sexy
  - Absolute vs. User Related
3. Mobile Focus
  - Monitor and Response – any time, any where...
  - Admin (?)

# Monitor - Use cases & Entry points

1. Monitor –  
user initiated

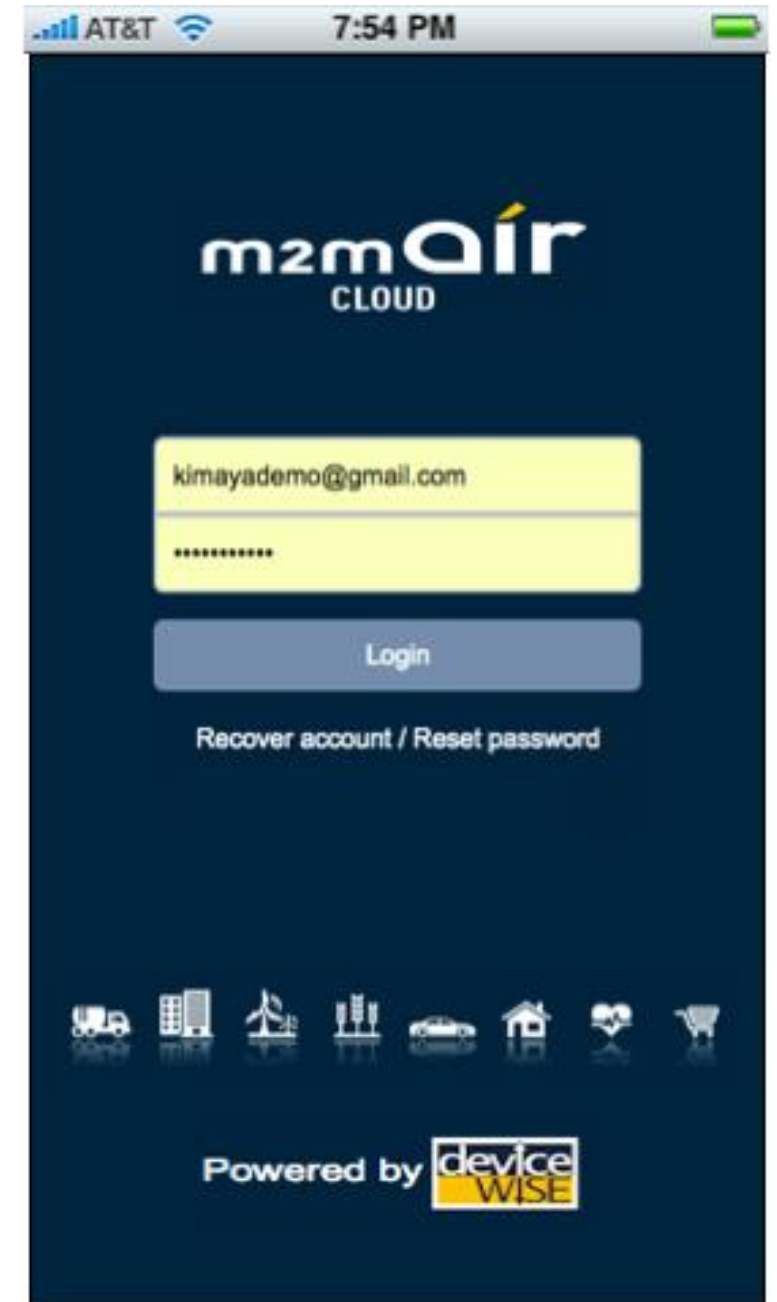


2. Response –  
system notification initiated



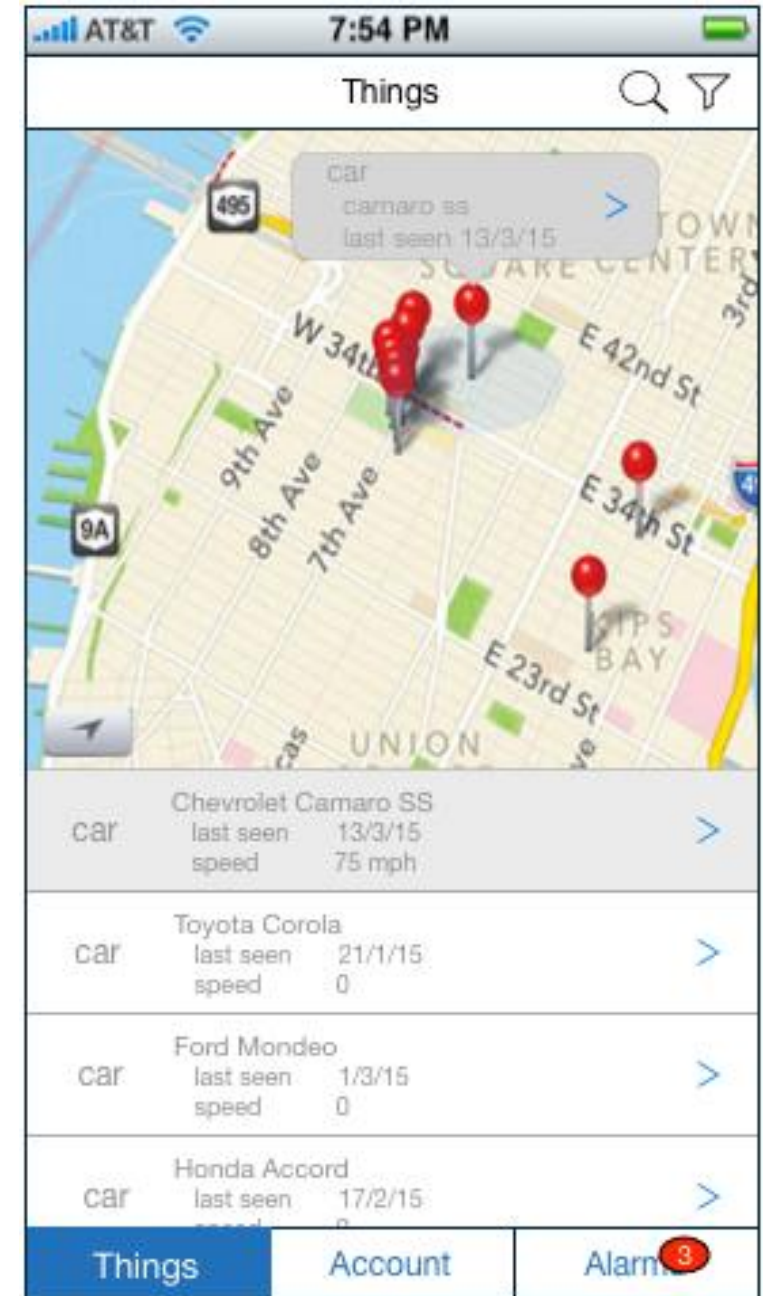
# Login view

1. Entry point on app's first use.
- Web vs. Mobile
    - Multiple users vs. single user



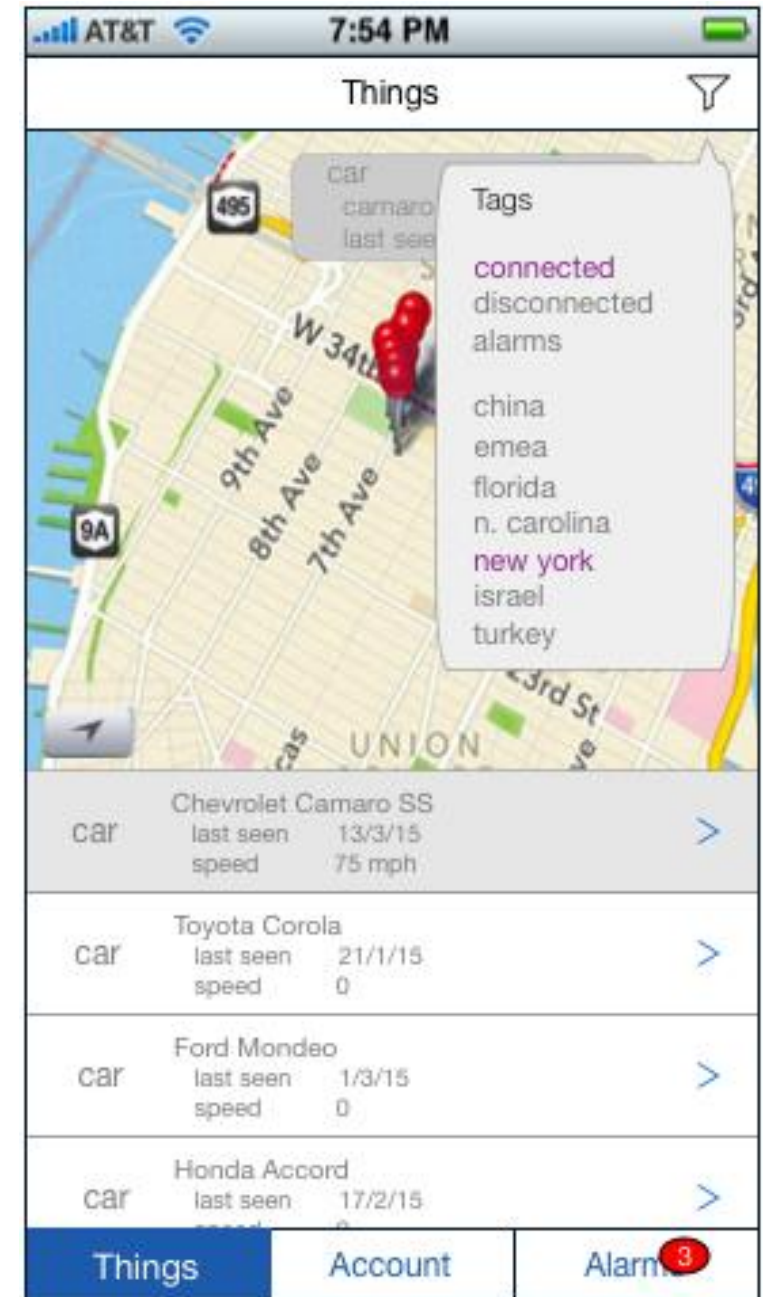
# Things view

1. General view
2. Map view
  - Standard map controls
    - Zoom, Scroll and Pan
    - Map layers
    - My location
    - Tap for full map view (table hides)
3. Table view
  - Sorted by user location vicinity
  - Scroll for more
4. Things manipulation
  - Tap a pin for a preview
    - Thing's table cell marked also
  - Tap a preview arrow to drill down
  - Filter and Search



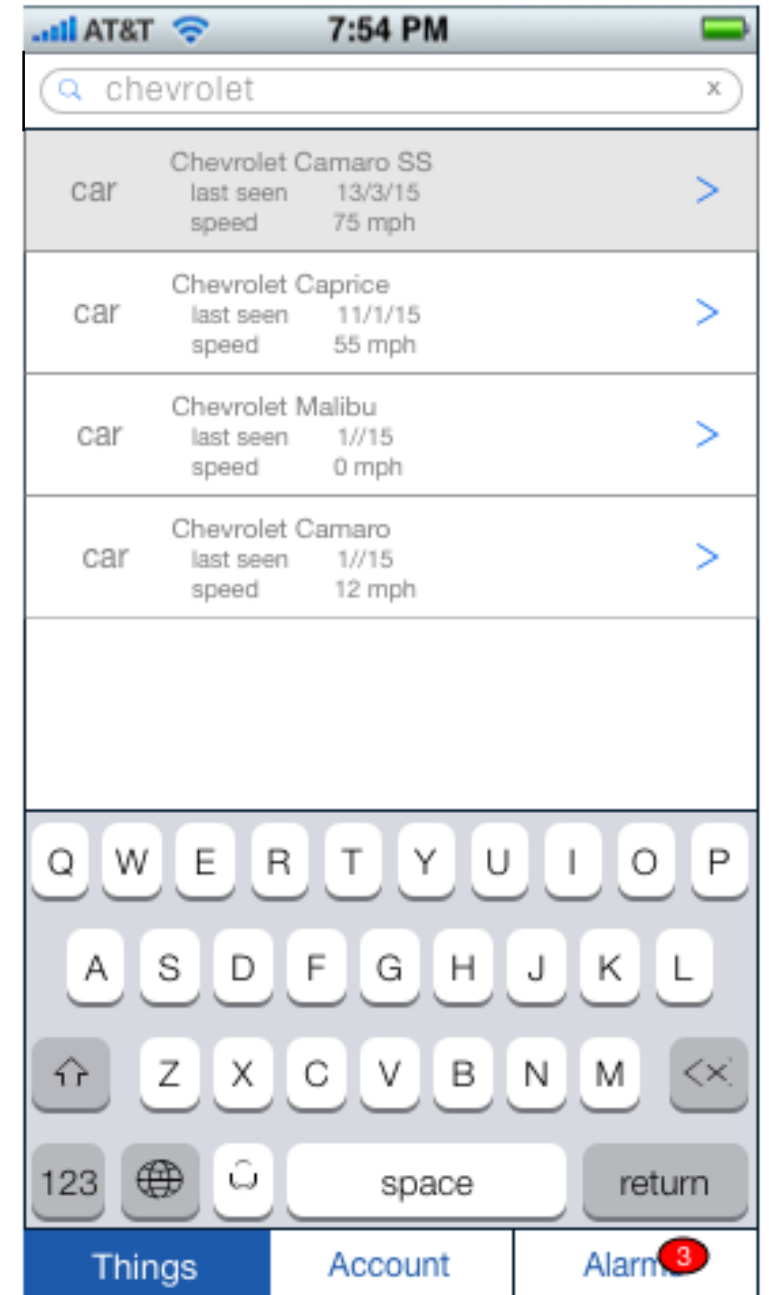
## Things view - Filter

1. Tap icon to open
  2. Check 'Tag Cloud' tags to filter
- Filter remains throughout usage
  - Filtering applies also in Alarms monitoring



## Things view - Search

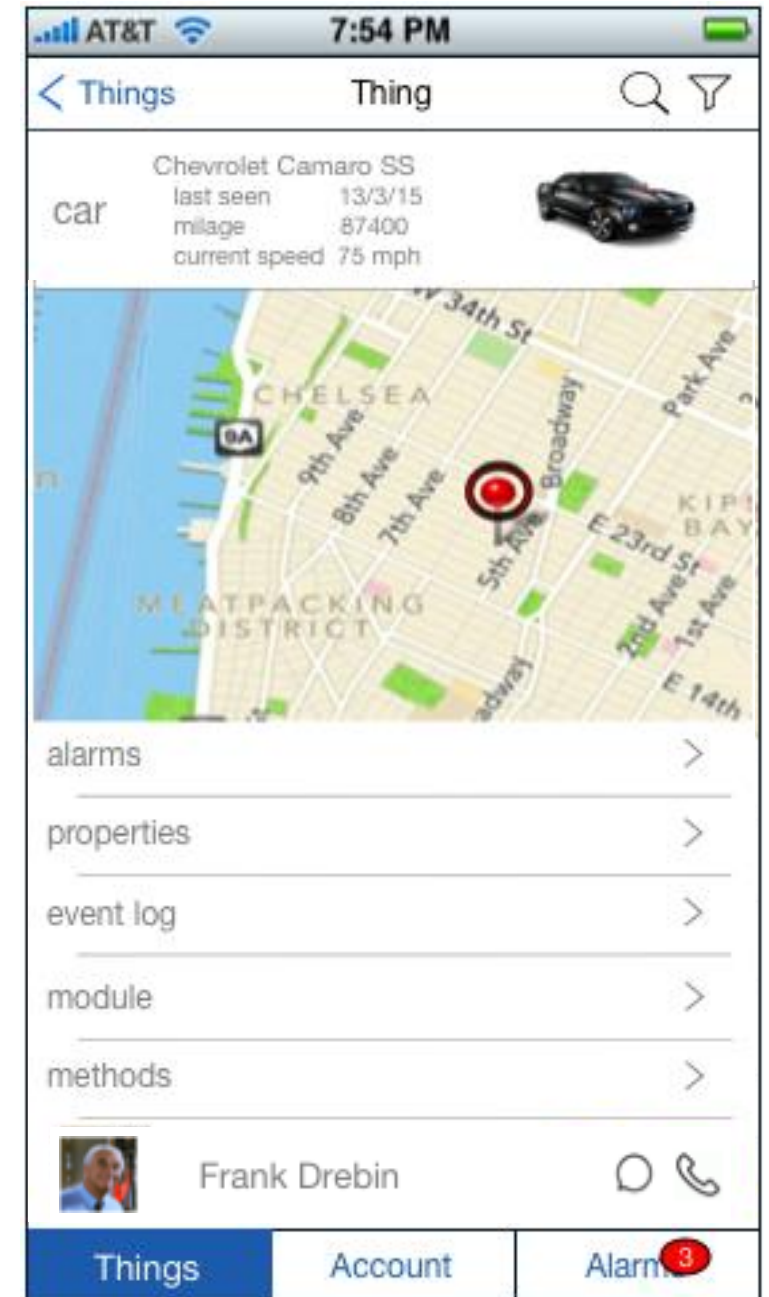
1. Tap icon to activate
  2. Perform search over Things' definitions
  3. Results show in Table view
- Searching applies also in Alarms monitoring





# Thing view

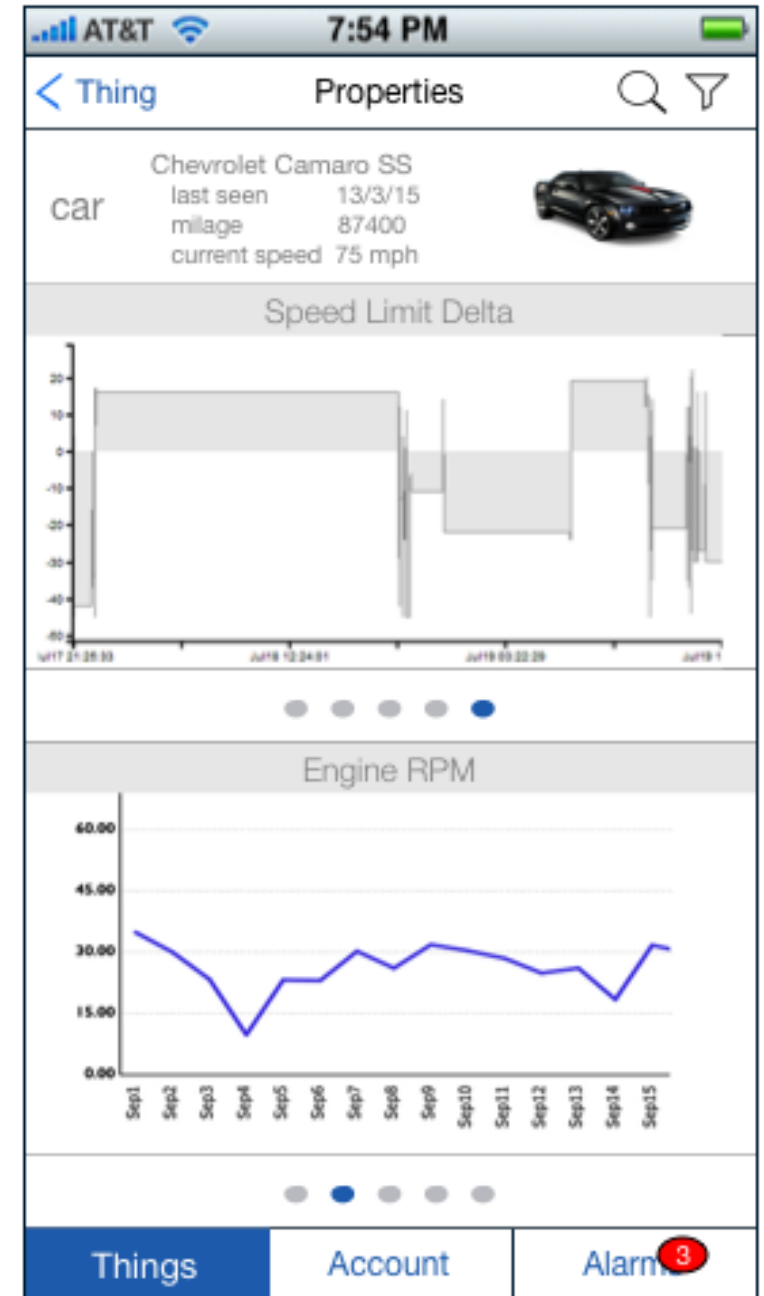
1. Thing's definition summery
2. Map location + History
3. Thing's data and action items
  - Alarms
  - Properties
  - Event log
  - Module – AT command shell (?)
  - Methods (?)
  - Owner – Asset's owner (driver) contact
    - Call or SMS at emergency





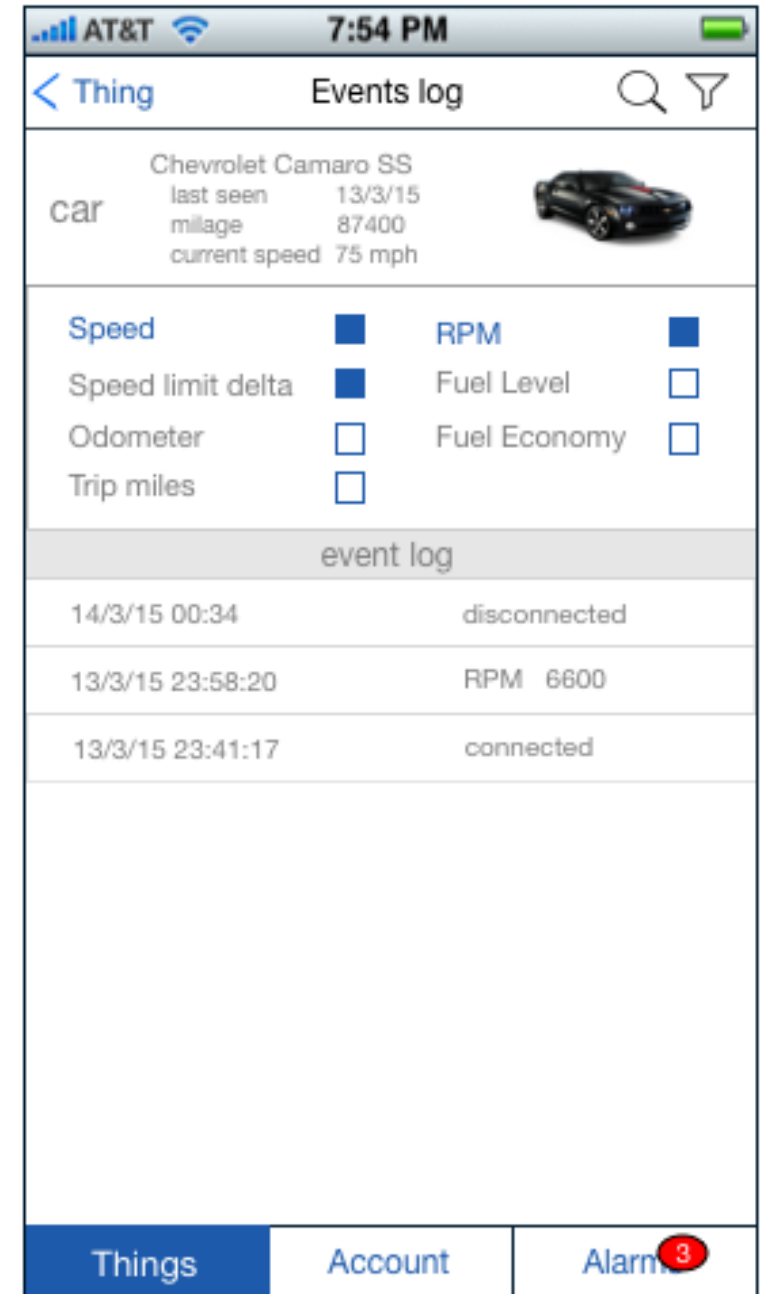
# Properties view

1. Properties' aggregated data in graphical form
  - One or two properties displayed simultaneously
  - Slide properties with Page control
  - Pan or Zoom graph for interval and focus
  - Tilt to shift Portrait / Landscape orientation



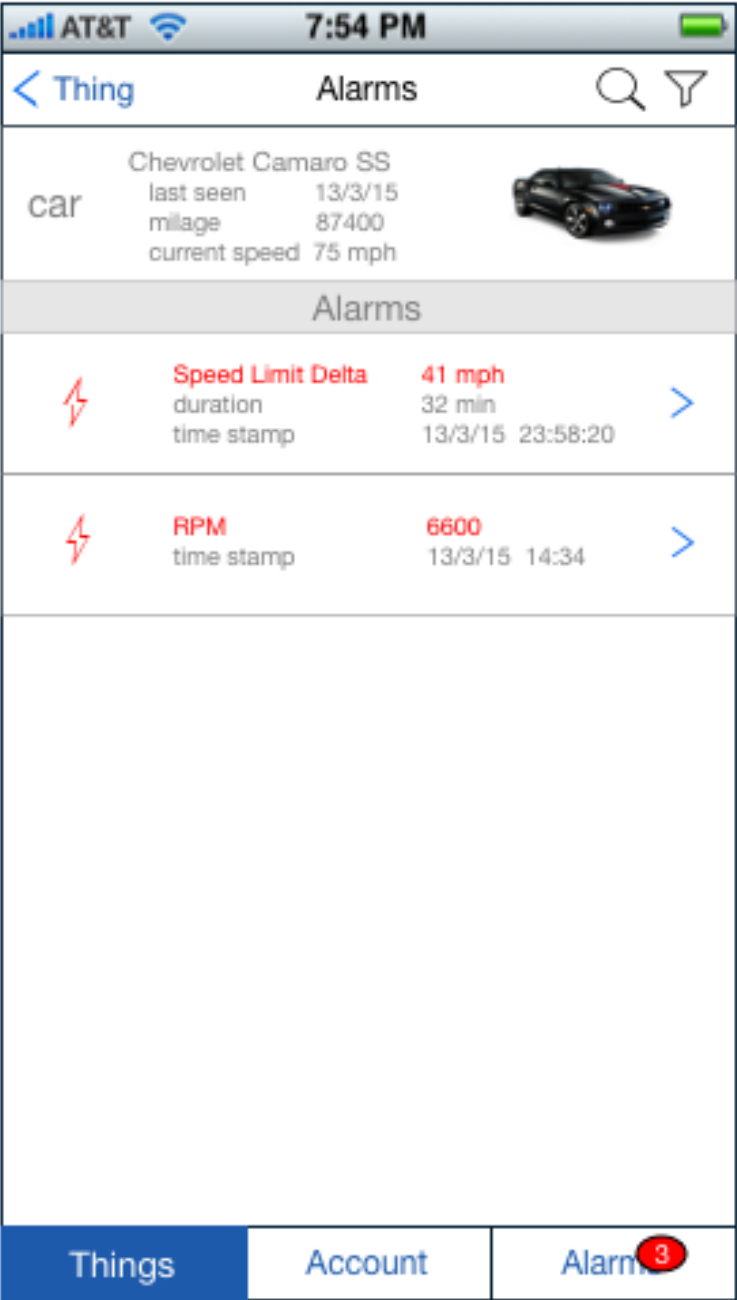
## Event log view

1. Thing's Events log in table form
2. Check specific properties to filter the log
3. Scroll table for more



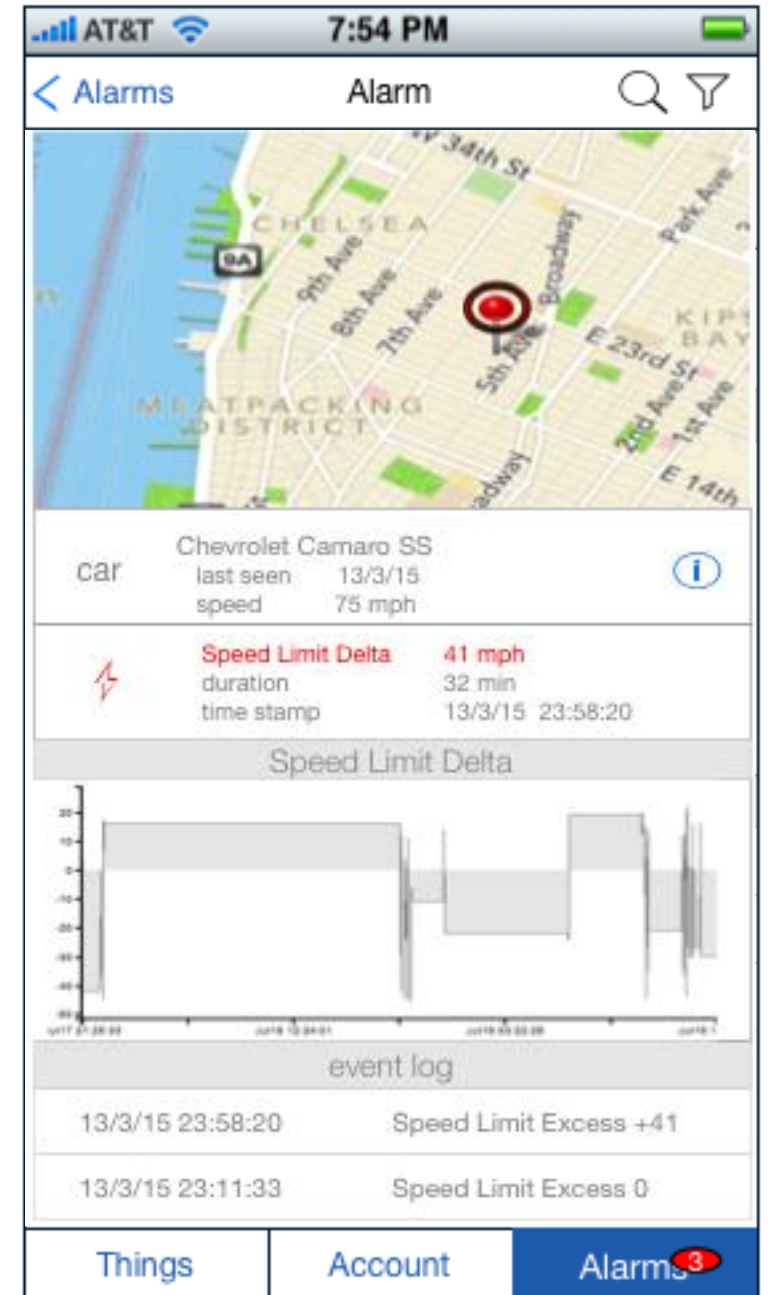
# Thing's Alarms view

- 1. Thing's Alarms in table form
- 2. Alarm's preview data - Tap to drill down.



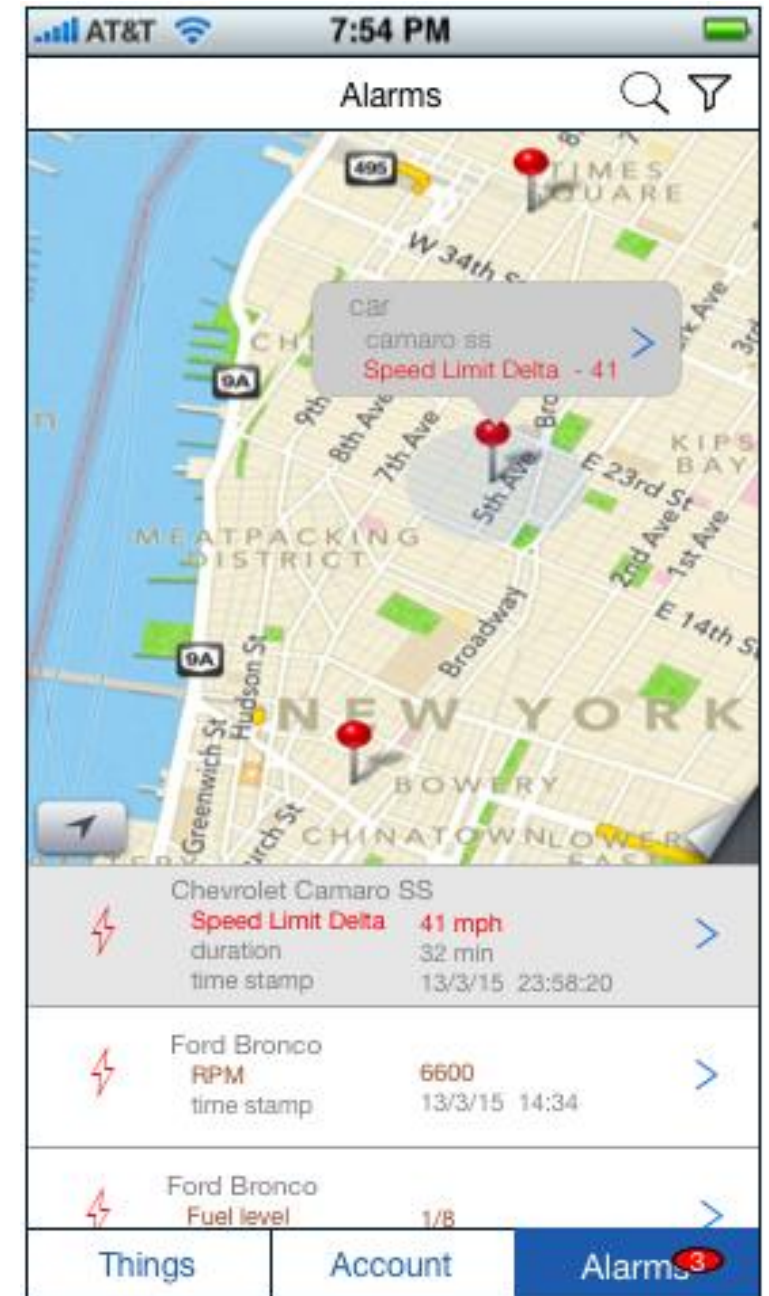
# Alarm view

1. Map location
2. Thing's context
3. Alarm info
4. Triggering property displays
  - Graph presentation
  - Filtered event log



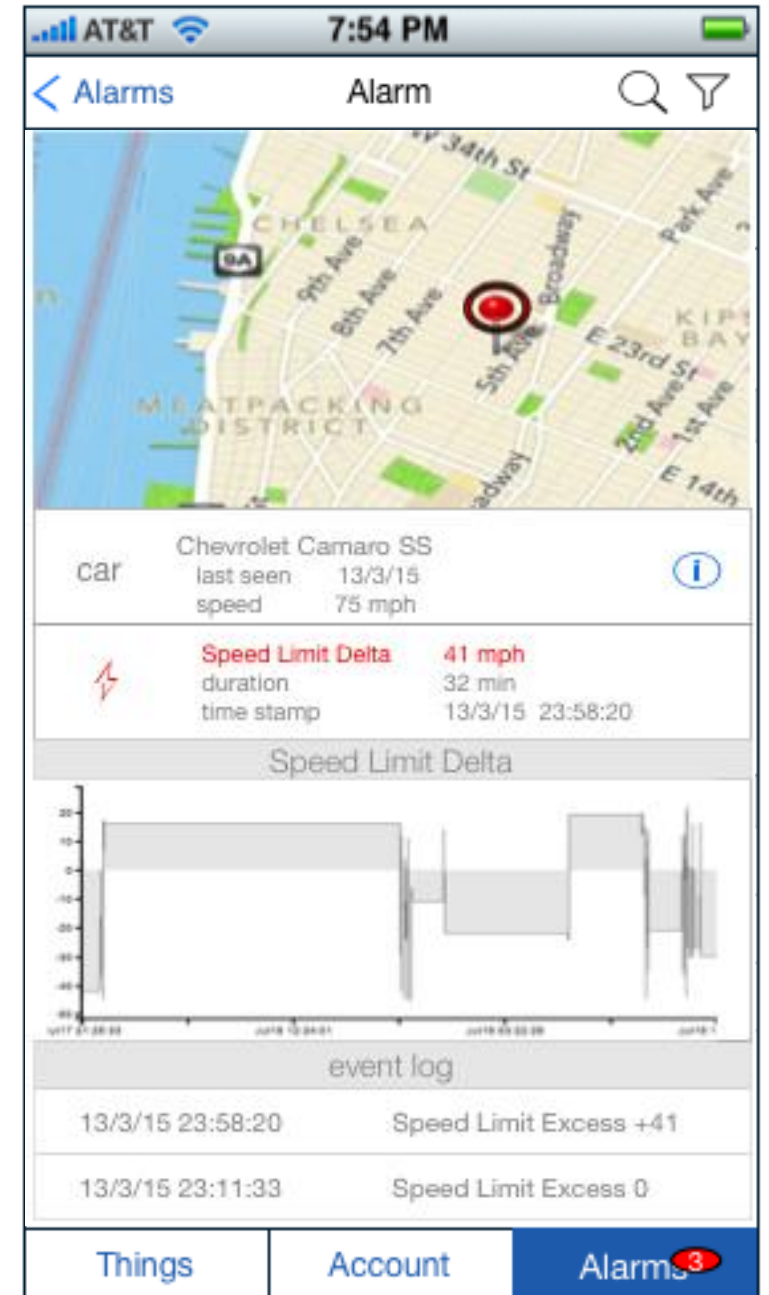
# Use case - Alarms

1. Alarms monitor – Tab to initiate
2. Map view.
  - Standard map controls
    - Zoom, Scroll and Pan
    - Map layers
    - My location
    - Tap for full map view (table hides)
3. Table view
  1. Alarms' preview info
  2. Scroll for more
4. Alarms manipulation
  - Tap a pin for an Alarm's preview
    - Alarm's table cell marked also
  - Tap a preview to drill down
  - Filter and Search



# Alarm view

1. Map location
2. Thing's context
3. Alarm info
4. Triggering property displays
  - Graph presentation
  - Filtered event log



## Use Case - Response

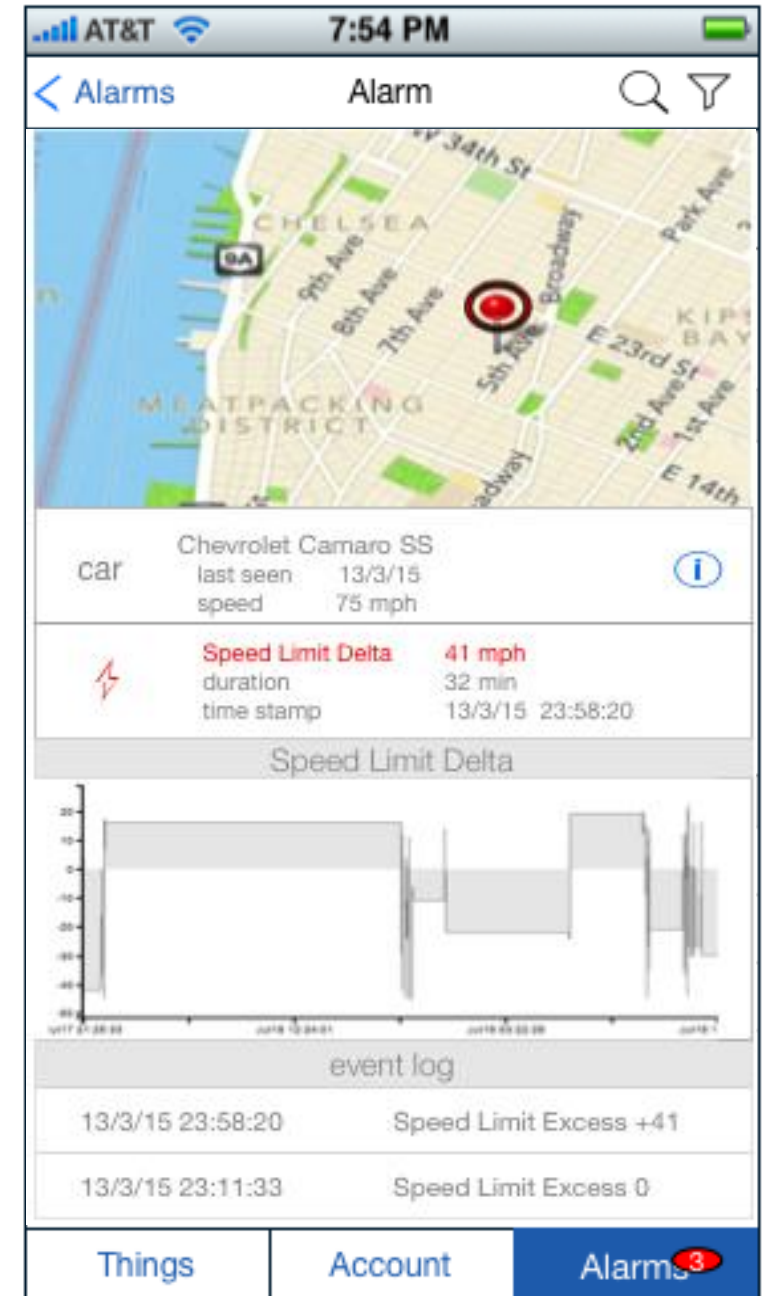
- **m2m** server pushes an alarm notification





# Response - usage flow

- On entry, user is positioned in most relevant context



# Account view

1. Organization picker
2. Account summary
3. Logout (single point of exit)

