**Problem Statement:**

PAN has a plethora of analytical data at their fingertips with no currently implemented viewing system. There is a necessity for mobile platforms in order to better monitor and understand the feedback given in real time and stored data.

**Requirements:**

**Security:**

* 2-Factor Authentication
* Minimal Logins – Stored authetnications
* .

**Metrics to Capture**

* Users logged into system: PAN2.0, EVM, Vita
* Browser Usage: PAN2.0, EVM, Vita
* OS Usage: PAN2.0, EVM, Vita
* System Errors
* Test Center Information;
  + Tests Per Day
  + Active test Takers
  + Active test Centers
* Per Server:
  + CPU Utilization
  + Memory Utilization
  + Average Disk Queue Length, per drive
  + Disk Space per DB
* Number of transactions exceeding the time threshold (Configurable)
* Total number of transactions errors across all products (Configurable)

**Notifications (Configurable)**

* Non-responsive servers
* Utilization thresholds
* Transactions thresholds
* Disk space thresholds
* Disk Queue length thresholds

**Data:**

* Optimized Data representation for Mobile platforms #buttstuff2k14