Perception Armored

Team Members: Anthony, Calvin, Evan, Ro

Sprint 3 Planning Meeting

**Requirements ~**

* **Description of what will be delivered:**
  + Proof of concept
    - VM Ware Test Server (In lieu of the RPi server cluster)
    - VM Ware (RAMDisk FPGA)
      * Set up and install by end of week 4/15
    - Install Soft Perfect RamDisk software on the VM Ware RAMDisk FPGA
    - User stories for SCRUM to create appropriate backlog with accompanying apps
      * Youth 15 – 18 (Ro)
        + Shark Attack
        + Social Media App (In lieu of getting sued by Ninte\*\*\* for using previous Po\*\*\*\*\* app with due to increased project presentation visibility)
      * Professional 19 – 25 (Anthony
        + Craigslist Scraper
        + Crime Watcher
      * Enterprise 26 – 60 (Calvin)
        + Geological Heatmap
        + Restaurant Tracker
      * Everyone (Evan)
        + Netflix
        + Weather
    - Validation App (Anthony)
    - SSL Certificate (Anthony)
    - Connect all PHP subscribers databases to website with Amalan
    - Ro’s suite of apps will be encapsulated through docker and will be sent through the VM Test Server and RAMDIsk FPGA Server with help from Tom during week 2
  + First production run
    - Throughout both weeks, Calvin and I (Anthony) have the 2 physical FPGA boards and will be learning as much as humanly possible to push the proof of concept onto the dev boards once these proof-of-concept steps are complete. We will be the back-end development side making sure the apps are functioning as they should and are properly showcasing the power of using RAMDisk FPGA for processing users data as a new ecosystem
    - Also, once all team members have the VM Ware P.O.C. is complete Ro and Evan will become the front-end development team making sure the website is not only 100% functional on all platforms, but all color schemes and background, buttons, links are ready for public release