1. DEVELOPMENT (JASON)

► Support Domain *who is doing what
- ■ <mark>Jason</mark>
- ■ <mark>Michael</mark>
- ■ <mark>Ross</mark>
- ■ <mark>Lisa</mark>
- ■ Shab Nassirpour / Jacob Elliot / John Healy

► Project Branding
- ■ Project Name: **MedCheck**
- ■ Slogan:
- ■ Branding/Logo Concept:
- ■ X Logo Development

► Design
- ■ UX Supported Devices
  - – X Web Browser (IE/Chrome/Safari/Firefox)
  - – X Mobile Phone Device Fragmentation (iOS/Android)
  - – X Mobile Tablet Device Fragmentation (iOS/Android)
- ■ Design and Branding
  - – X UI / Logos

► Technical Stack
- ■ Core Requirements
  - – X Cross-Platform
  - – X Utilizes at least 5 modern OSS technologies
  - – X Supports (IaaS) and (PaaS)
  - – X Deploys to Container
  - – X Prototype & Platforms to "Create & Run" are openly sourced and free of charge

► Technical Solution Setup and Implementation
- ■ Decided (100% OSS – Open Source Software)
  - – Open Source Repository
    - • GitHub
      - o X Repo Corporate Setup
      - o X Repo Source Structure Build out
  - – Development IDE
    - • X VS Code (Win/OSX/LNX): https://code.visualstudio.com/
    - • Package Manager
      - o X NPM: https://www.npmjs.com/
  - – RESTful API

- X (Interface) LoopBack Framework (built on node-js)
  https://strongloop.com/node-js/loopback-framework/
- X (Interface) Express Framework
- X (Storage) MongoDB
- https://www.mongodb.org/

  - Web Interface

    - X Bootstrap: http://getbootstrap.com/
    - X JQuery: https://jquery.com/
    - X Knockoutjs: http://knockoutjs.com/
    - X Bower: http://bower.io/
    - X Gulp: http://gulpjs.com/
    - XX SaSS: http://sass-lang.com/
    - X RequireJS: http://requirejs.org/

  - Testing

    - Unit Testing Solution Decision:
      - o X Karma: http://karma-runner.github.io/0.12/index.html
      - o X Jasmine: http://jasmine.github.io/
    - Automated Browser Testing:
      - o X Selenium: http://www.seleniumhq.org/

  - Deployment

    - Container Deployment Evaluation
      - o XX Docker: https://www.docker.com/
      - o XX Heroku: https://www.heroku.com/
    - Continuous Integration Evaluation
      - o XX AWS
      - o XX Azure

- ■ X Requirements Application Scope
- ■ Login

  - User Interaction
  - Product Lookup
  - Vision

- ■ "Nice to Haves" *low priority solutions

  - X 100% Cross-Platform camera API integration for UPC Barcode Reader
  - X (Facebook, Twitter, Google) as Login
    - PassportJS: http://passportjs.org/