Avaya -- Global Demo Team

Inventory Management System

Background:

We are a team at Avaya responsible for designing demos and demo systems. Part of our job is to make sure the right equipment is at the right place when we present at tradeshows. The demand for our team is growing rapidly and we are having issues keeping track of which equipment we have available and who has it.

Description:

We need a web application built to help us manage our inventory better. Our initial designs revolved around printing labels with QR codes for asset tags that, when scanned, pulled up a management page for that asset. We also need to be able to see at a glance what we have available and get reports based on historical data to see how much of our stock is being utilized.

We are currently using a MEAN stack for most of our infrastructure improvements but that can be flexible if there is an architectural reason to change.

The application needs to:

- Give easy management from mobile devices to track where equipment is.
- Allow packing into cases and bulk management while packed.
- Allow for querying of historical data.
- Schedule equipment transfers for future events.
- Allow for borrowing of equipment for short time periods and alerting the borrower automatically when they need to return the equipment to us.
- Alert the right people when scheduled shipments need to be sent.
- Allow for quick viewing of the contents of a package.

Location and Team Size:

Anywhere. Probably the best team size is 3 or 4 (API, admin UI, user UI, and someone to make sure the pieces are fitting together). There is a potential for ongoing work after the project (no guarantee).