

Indoor Positioning & Tracking System



Team Members:

- Robert Standifer (EE)
- Andres Gordo (EE)
- Kirsten Marie Palma (ME)
- Xiaoxi Zheng (DAS)
- Ricky Tran (CE)
- Phone Myint (EE)

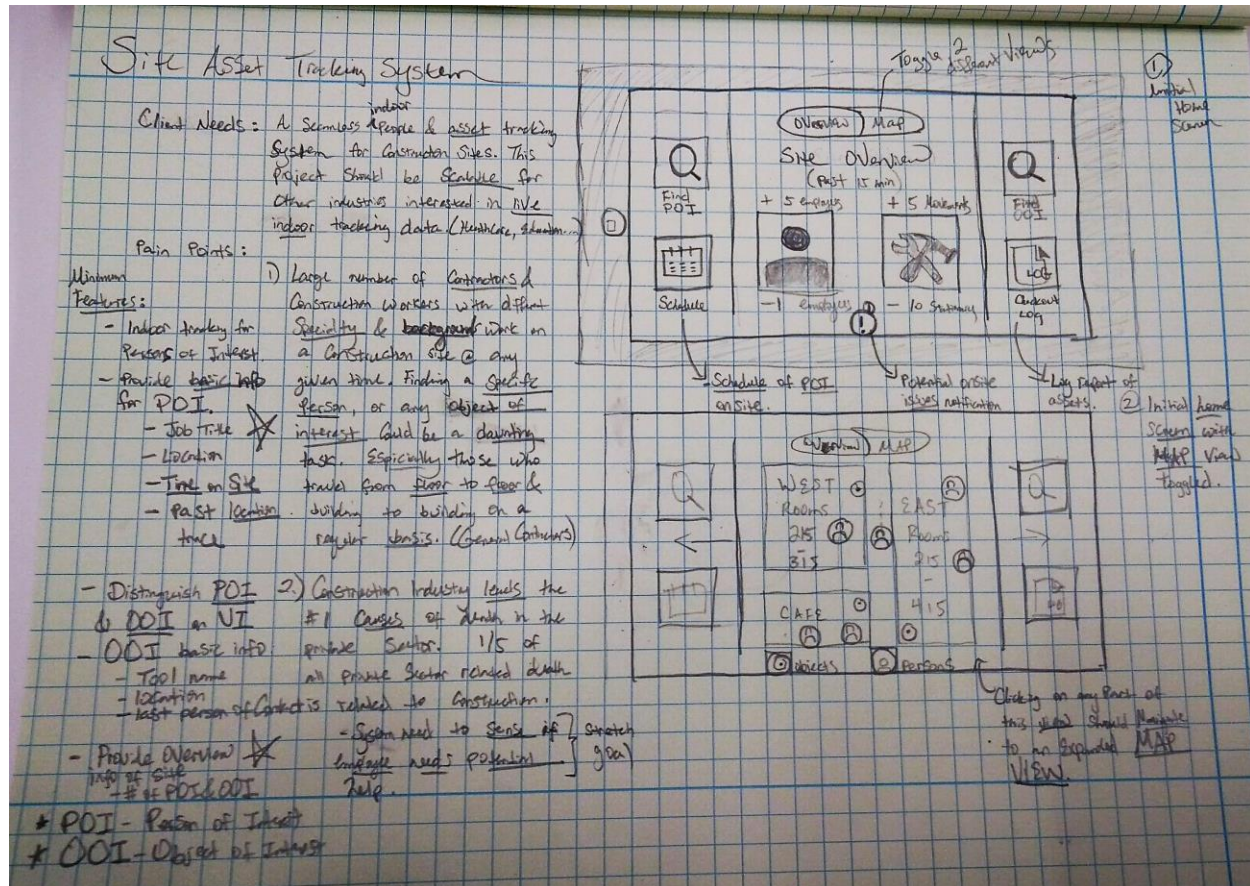


Client Company: Moss Construction Management

Coach: Professor Eisenstadt

*This is an active ongoing project during Fall 2016 semester

Software Component



Sample UI:



System Overview Dashboard:

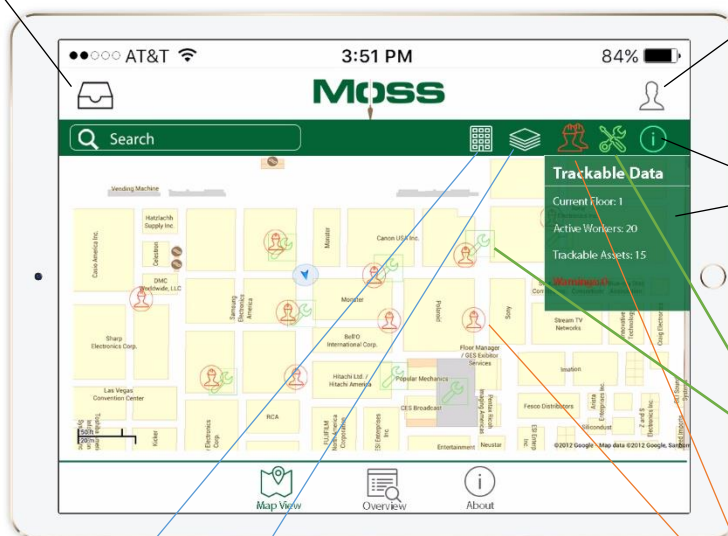
This screen provides an overview of across the entire company with all its ongoing projects. The numbers of active employees and trackable assets are being dynamically updated.

Schedule: A list of personnel whom is scheduled to be on one of the company site.

Asset Log: Provides a detail view of asset activity and their last known location.

Map overview

Inbox: Live messaging capabilities between overhead management



User Management: For overall security of our system, users will be managed and gated to specific access.

General Information toggle: Toggling this icon will enable the user to view general live indoor location data. (Specific info of current floor, building, and the activities on the current floor)

Asset location toggle: Toggling this icon will enable the user to view live indoor location data of trackable assets.

Employee location toggle: Toggling this icon will enable the user to view live indoor location data of their employees.

Building and floor selection:

Toggling these 2 icons will enable users to select to view activities on a specified floor of a specified building.