# MICHIGAN STATE UNIVERSITY

# Beta Presentation OPEN v2.0: Smart Order Picking

The Capstone Experience

Team Phoenix Group

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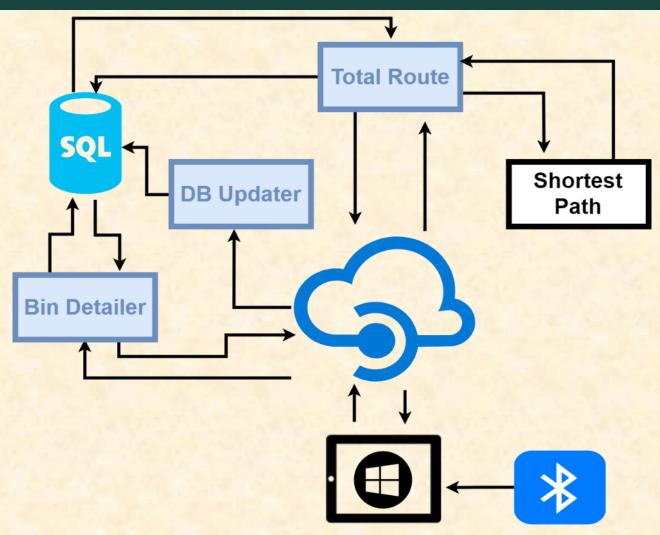
Fall 2017



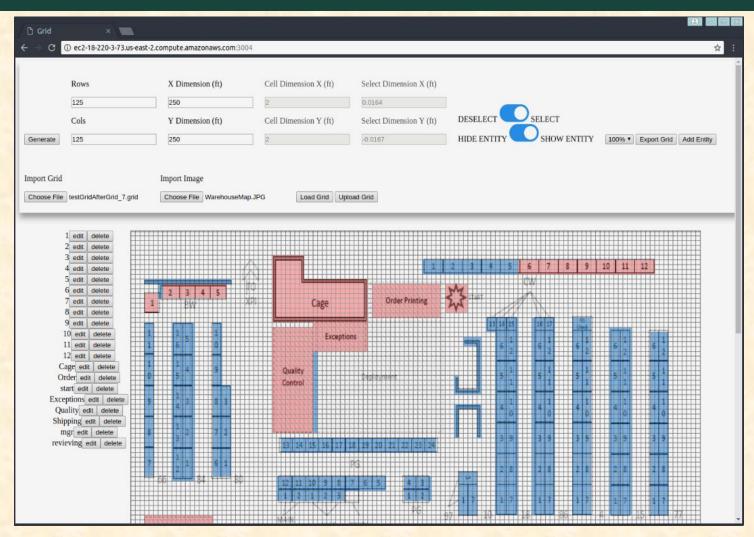
#### **Project Overview**

- Enhance Warehouse Order Picking Process
- Include Real Time Inventory Control
- Integrate with Current Application (O.P.E.N v2.0)

## System Architecture

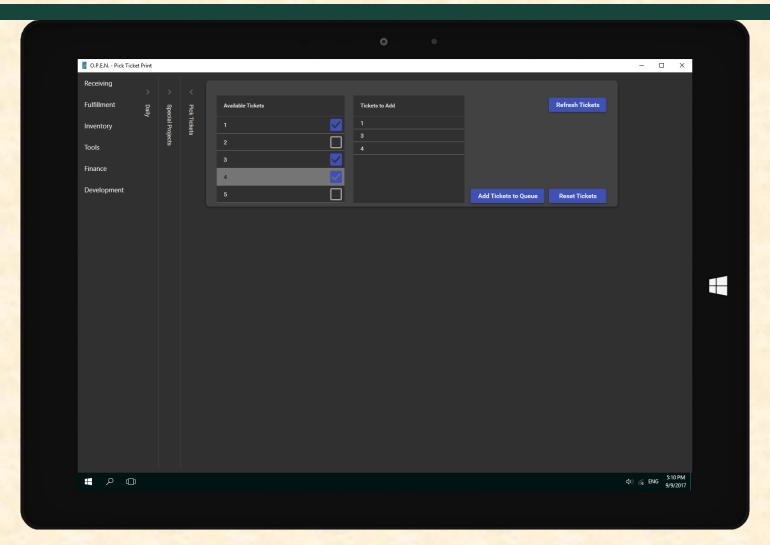


#### **Administration Panel**

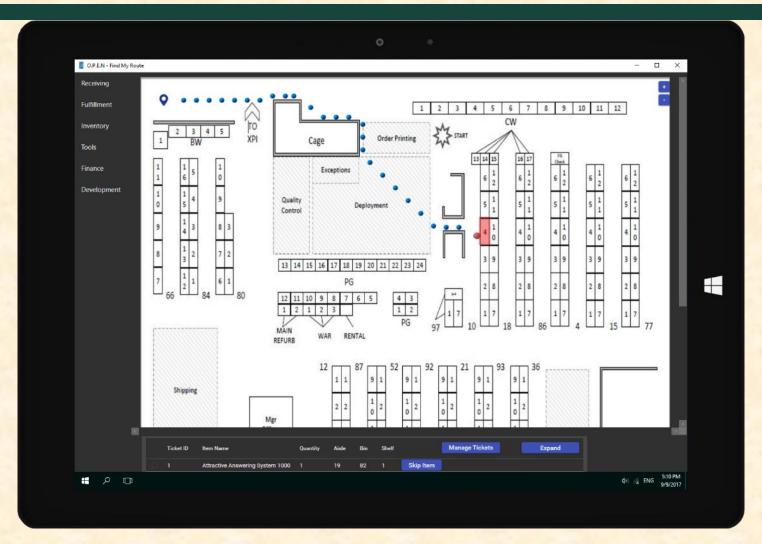




#### Pick Ticket Selection

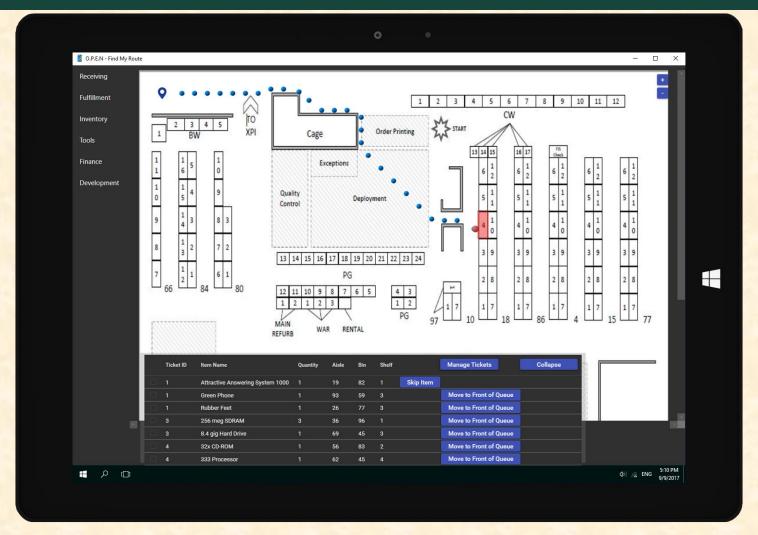


### Map Order Routing



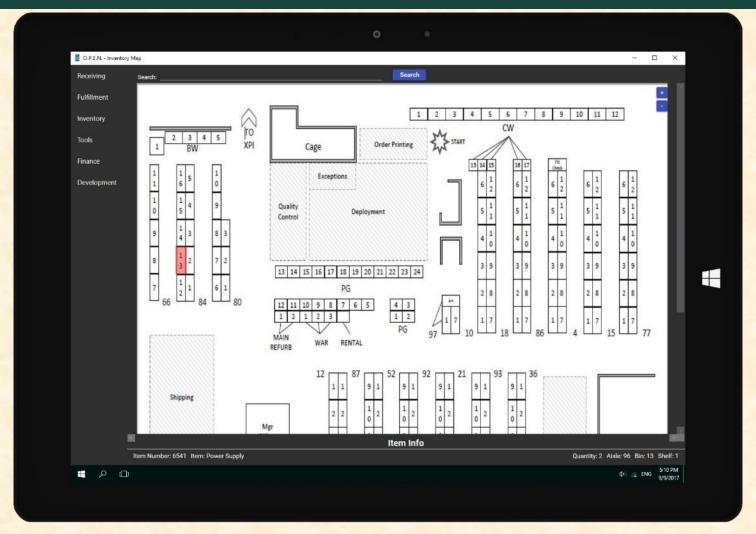


### Map Order Fulfillment



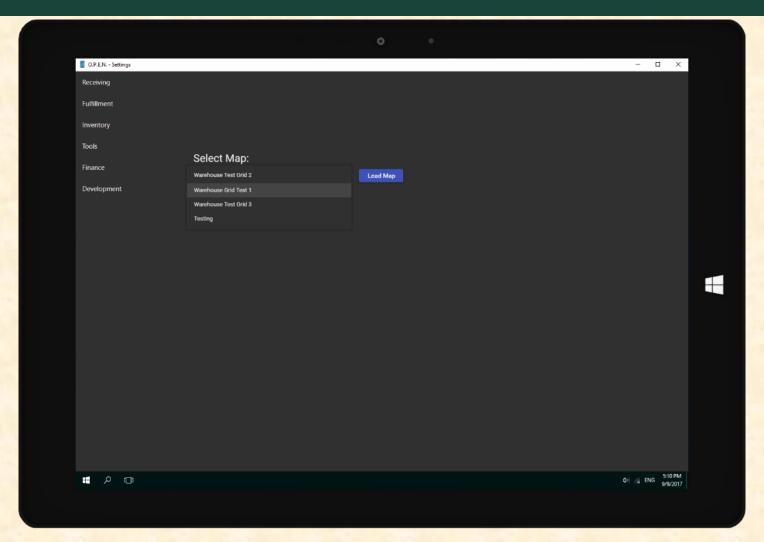


#### **Inventory Page**





# Map Caching and State Saving





#### What's left to do?

- Load test the server
- Get data on battery life of the tablet
- Data analytics
- Polish UI

#### Questions?

