**Goal:** Automate inventory management via database web-app.

**Functions:**

* Vendor management - Add new vendor, populates to add new item, prevents mistyping on adding new items of the same vendor
* Item management - Select vendor, add item #, desc, cost, 2 week usage, buffer time, order in/out conversion, etc
* Inventory Management – Edit/Remove items. Used for updating after counts or finding errors on add items.
* Check-in and Check-out – Manage individual order entry/leave in order to increment/decrement inventory count. Include conversion factor between order unit and checkout unit

**Hierarchy:**

* **Container** – Display all components
  + **Navbar** – Display main logo, general navigation buttons. Probably store state of current view based on onClick attributes.
    - Navigation Buttons - Click to change view to each of the views. Props for title of button and potentially toggled yes/no
    - **Main – Stores state for which table to use (based on callback functions to Nav, potentially), state for all database information. Functions for add/del/edit information.**
      * Table Container – Can display either vendor information or item management information. Add row button.
        + Display row with edit/delete buttons

Vendor Cell – Editable Cell with props values/id

* + - * Check-In/Check Out functions, determined whether it increments or decrements based on state in Main. Decrement converts via conversion factor stored in state.
      * **Checkout function and add/edit/delete should trigger a check on those items modified to notify user of order requirements. Possible those values also stored in state, and passed down to this container for actual notification.**