**Backend:**

**Add Item-**

Story 1: Create table of items + populate (3)

Story 2: Create table of shipnodes + populate (3)

Story 3: Drop current item table and create new item table with the following fields (3)

Item: {

itemid: 3 digit number <int>

itemdescription: Describing the color , men / women / boy/ girl, exact item <string>

shortdescription: exact item description <string>

unitofmeasure: Each <string>

category: <string>

subcategory: <string>

price <int>

isreturnable <boolean>

manufacturername <string>

}

Story 4: Update API call so that it is possible to retrieve the entire items table (3)

Story 5: Update API call so that it is possible to take in the itemid and send back all the details (3)

Story 6: Populate item table (3)

Story 7: Create inventory adjustment table with the following fields (3)

Item-Supplies: {

itemid: 3 digit number <int>

product Class: new or used <dropdown, string>

eta: estimated time of arrival to shipnode– date and time <string>

shipbydate <string>

shipnode: Standard values which is referred by location <string>

type: onhand/ pipeline <string/dropdown>

quantity: minimum 0.0 to max 100.00 for now <dropdown, int>

shippingaddress <string>

}

Story 8: Create api call to allow front end to update supplies table (5)

**Search Item-**

Story 9: Api return table constrained based on unlimited number of items and location where take in 2 json arrays (5)

**Front-end:**

Story 1: Create UI Design for Create Item-Supplies Page, 3 Points Aishwarya

-Select Item from Drop Down

-Fill out remaining Fields

-Button to submit form

Story 2: Create UI for Item/ShipNode Search Page, 3 Points Brian + Abhishek

-Get list of items and list of shipnodes through get API

-Select multiple items from list of items

-Select multiple shipnodes from list of shipnodes

Story 3: Implement Create Item-Supplies Page Logic, 5 Points Aishwarya

-Get list of items through get API

-Form validation

-Submit JSON through post API

Story 4: Implement Item/ShipNode Search Logic, Display Results, 5 Points Brian + Abhishek

-Send search criteria through post API

-Format/design layout for search results

-Basic information shown, but option to click button for more details (display as popup?)

Story 5: Testing of Create Item-Supplies Form, 3 Points

Story 6: Testing of Item/ShipNode Search, 3 Points