# custom\_app/custom\_app/doctype/warehouse/warehouse\_customization.py

import frappe

@frappe.whitelist()

def setup\_warehouses():

"""

Ensure default warehouses exist and assign them specific roles.

"""

warehouse\_data = [

{"name": "Raw Material Warehouse", "role": "Storage of Raw Materials"},

{"name": "Finished Goods Warehouse", "role": "Storage of Finished Goods"}

]

for data in warehouse\_data:

if not frappe.db.exists("Warehouse", data["name"]):

warehouse = frappe.get\_doc({

"doctype": "Warehouse",

"warehouse\_name": data["name"],

"company": frappe.defaults.get\_user\_default("Company"),

"description": data["role"]

})

warehouse.insert(ignore\_permissions=True)

frappe.msgprint(f"'{data['name']}' warehouse created.")

@frappe.whitelist()

def allocate\_item\_to\_warehouse(item\_code, warehouse\_name):

"""

Link an item to the specified warehouse.

"""

item = frappe.get\_doc("Item", item\_code)

if not frappe.db.exists("Warehouse", warehouse\_name):

frappe.throw(f"Warehouse '{warehouse\_name}' not found.")

item.append("item\_defaults", {

"company": frappe.defaults.get\_user\_default("Company"),

"default\_warehouse": warehouse\_name

})

item.save()

return f"'{item\_code}' linked to '{warehouse\_name}'."

// custom\_app/custom\_app/public/js/warehouse\_customization.js

frappe.ui.form.on('Item', {

refresh: function (frm) {

frm.add\_custom\_button(\_\_('Assign to Raw Material Warehouse'), function () {

frappe.call({

method: "custom\_app.custom\_app.doctype.warehouse.warehouse\_customization.allocate\_item\_to\_warehouse",

args: {

item\_code: frm.doc.item\_code,

warehouse\_name: "Raw Material Warehouse"

},

callback: function (response) {

frappe.msgprint(response.message);

frm.reload\_doc();

}

});

});

frm.add\_custom\_button(\_\_('Assign to Finished Goods Warehouse'), function () {

frappe.call({

method: "custom\_app.custom\_app.doctype.warehouse.warehouse\_customization.allocate\_item\_to\_warehouse",

args: {

item\_code: frm.doc.item\_code,

warehouse\_name: "Finished Goods Warehouse"

},

callback: function (response) {

frappe.msgprint(response.message);

frm.reload\_doc();

}

});

});

}

});

# custom\_app/hooks.py

doc\_events = {

"Item": {

"validate": "custom\_app.custom\_app.doctype.warehouse.warehouse\_customization.setup\_warehouses"

}

}

app\_include\_js = "/assets/custom\_app/js/warehouse\_customization.js"