03 - Sync Dashboard & Scripts

# 🖥️ Sync Dashboard Wireframe

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| SYNC STATUS |  
+---------------------------------------------------------------+  
| Shop | Last Sync | Success | Failed | Auto Sync | 🔁 |  
|--------|------------------|---------|--------|------------|----|  
| Shop 1 | 5 min ago | 89 | 1 | ✅ | [↻] |  
| Shop 2 | 1 hr ago | 82 | 3 | ❌ | [↻] |  
| Shop 3 | 10 min ago | 91 | 0 | ✅ | [↻] |  
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# 📜 JavaScript - Trigger Manual Sync

frappe.pages['shop\_sync\_dashboard'].on\_page\_load = function(wrapper) {  
 let page = frappe.ui.make\_app\_page({  
 parent: wrapper,  
 title: 'Shop Sync Dashboard',  
 single\_column: true  
 });  
  
 page.add\_inner\_button('Sync Items', () => trigger\_sync('Item'));  
 page.add\_inner\_button('Sync Prices', () => trigger\_sync('Item Price'));  
 page.add\_inner\_button('Sync Invoices', () => trigger\_sync('Sales Invoice'));  
 page.add\_inner\_button('Sync Stock', () => trigger\_sync('Stock Entry'));  
  
 function trigger\_sync(doctype) {  
 frappe.call({  
 method: 'erpnext\_shop\_sync.api.manual\_sync',  
 args: { doctype: doctype },  
 callback: (r) => {  
 frappe.msgprint(`Triggered sync for ${doctype}`);  
 }  
 });  
 }  
};

# 🧩 Backend Python - manual\_sync Handler

@frappe.whitelist()  
def manual\_sync(doctype, shop=None):  
 shop\_docs = [frappe.get\_doc("Shop Server", shop)] if shop else frappe.get\_all("Shop Server", filters={"active": 1})  
 for shop\_doc in shop\_docs:  
 if doctype == "Item":  
 push\_items\_to\_shop(shop\_doc)  
 elif doctype == "Sales Invoice":  
 pull\_sales\_from\_shop(shop\_doc)  
 # Add other cases as needed

# ⏰ Cron Job (hooks.py)

scheduler\_events = {  
 "cron": {  
 "\*/15 \* \* \* \*": [  
 "erpnext\_shop\_sync.scripts.pull\_shop\_data.auto\_sync\_enabled\_shops",  
 "erpnext\_shop\_sync.scripts.push\_master\_data.sync\_hq\_to\_shops"  
 ]  
 }  
}

# 🔁 Auto-Sync Python Functions

pull\_shop\_data.auto\_sync\_enabled\_shops()

def auto\_sync\_enabled\_shops():  
 shops = frappe.get\_all("Shop Server", filters={"auto\_sync\_enabled": 1})  
 for shop in shops:  
 shop\_doc = frappe.get\_doc("Shop Server", shop.name)  
 pull\_sales\_from\_shop(shop\_doc)

push\_master\_data.sync\_hq\_to\_shops()

def sync\_hq\_to\_shops():  
 shops = frappe.get\_all("Shop Server", filters={"auto\_sync\_enabled": 1})  
 for shop in shops:  
 shop\_doc = frappe.get\_doc("Shop Server", shop.name)  
 push\_items\_to\_shop(shop\_doc)