



TUBE INSPECTION SYSTEM

Work Instruction

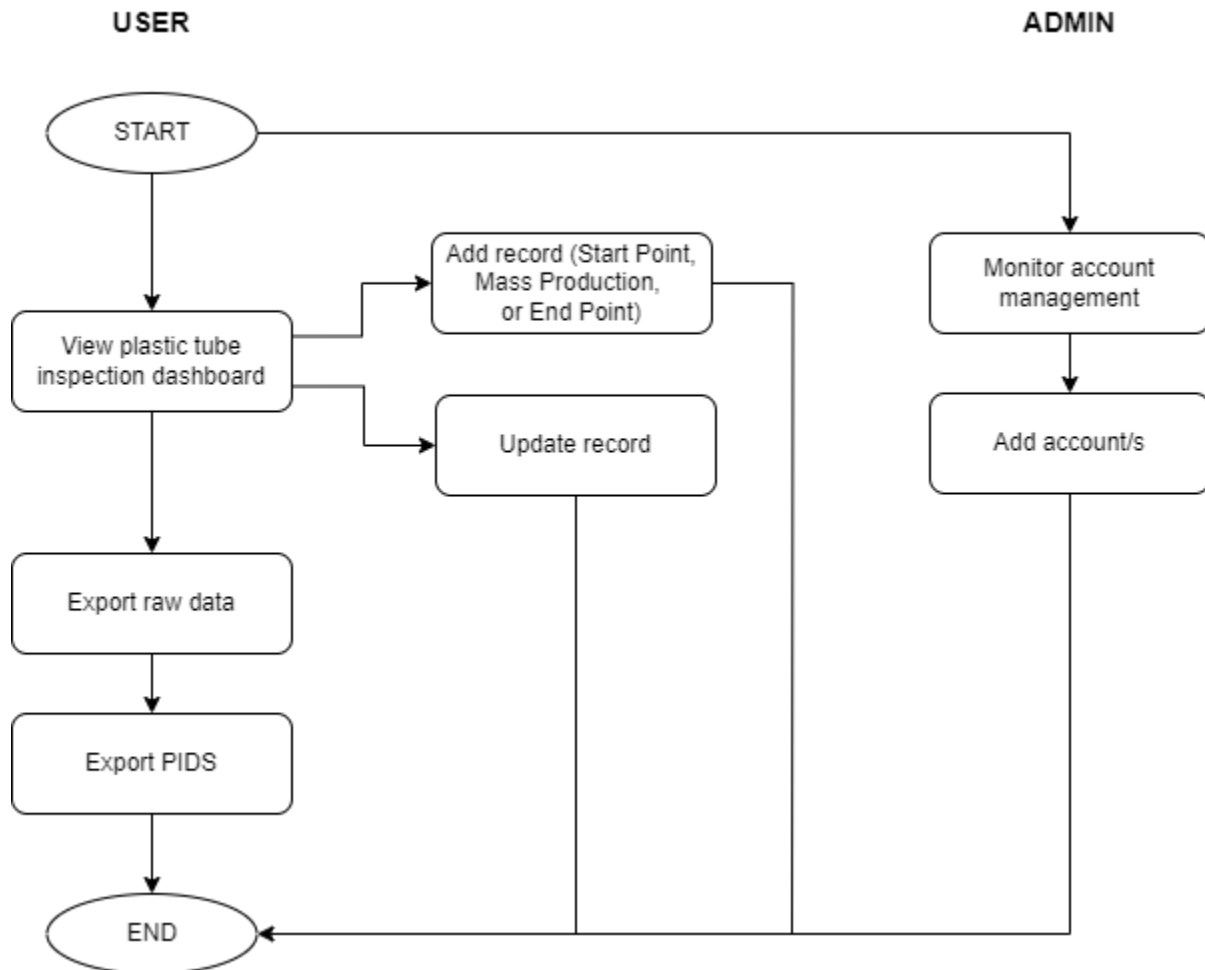
IT | System Group

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I. SYSTEM OVERVIEW

- Live System Link:
http://172.25.116.188:3000/tube_inspection/
- Process Flow



The flowchart illustrates the main functionalities of a system for managing plastic tube inspections and account management. It starts with accessing the inspection dashboard, where users can view records, add new records (e.g., Start Point, Mass Production, or End Point), update existing records, and export raw data or PIDS. Additionally, account management functions include monitoring account activities and adding new accounts. The flow ends after performing these tasks.

II. USER INTERFACE

2.1 Login

2.1.1 Input the correct login credential, then click on the Login button. *See Figure 1*

2.1.2 Click the Work Instruction button to access the system work guide. *See Figure 1*

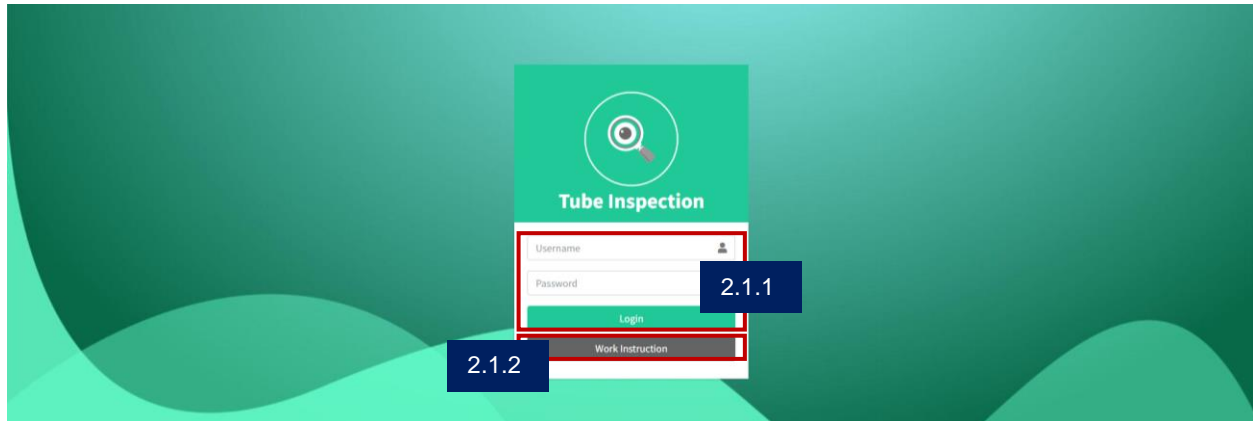


Figure 1. Login Page

2.2 Dashboard

2.2.1 The table displays a list of plastic tube inspection records, ordered by the date they were added. *See Figure 2*

2.2.2 The data can be filtered by utilizing the search fields (such as part name, inspected by, defect type, date from, and date to), then click on the Search button. *See Figure 2*

2.2.3 Click on the Add record button to view the add record form. *See Figure 2*

2.2.4 Before filling out the form, the user must first select the record type: Start Point (SP), Mass Production (MP), or End Point (EP). Then, complete all the required details and click the Save button to add the record. *See Figure 3*

2.2.5 To modify a record, click on a specific record to open the edit form. The user can then update the details and click the Save button to apply the changes. *See Figure 4*

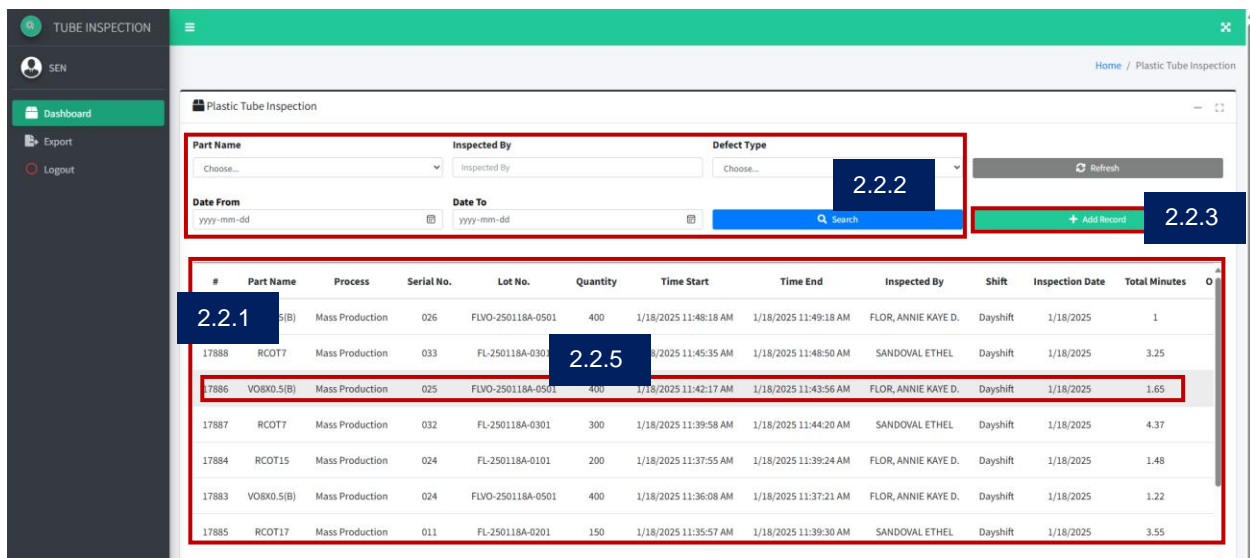


Figure 2. User – Dashboard Page

2.2.4

Figure 3. User – Add Record Form

2.2.5

Figure 4. User – Edit Record Form

2.3 Export

2.3.1 Click on the Export page in the sidebar to proceed to the page. See Figure 5

2.3.2 By default, the table displays no data. The user must filter the search fields (date from, date to, and shift), then click on the Search button. See Figure 5

2.3.3 To get the raw data from the table, click on the Export button. See Figure 5

2.3.4 To get the computed data (the includes the part name, total box/roll, total part qty, total inspected qty, total no good detected, no-good percentage, total inspection time, and frequency of remarks), click on the PIDS button. See *Figure 5*

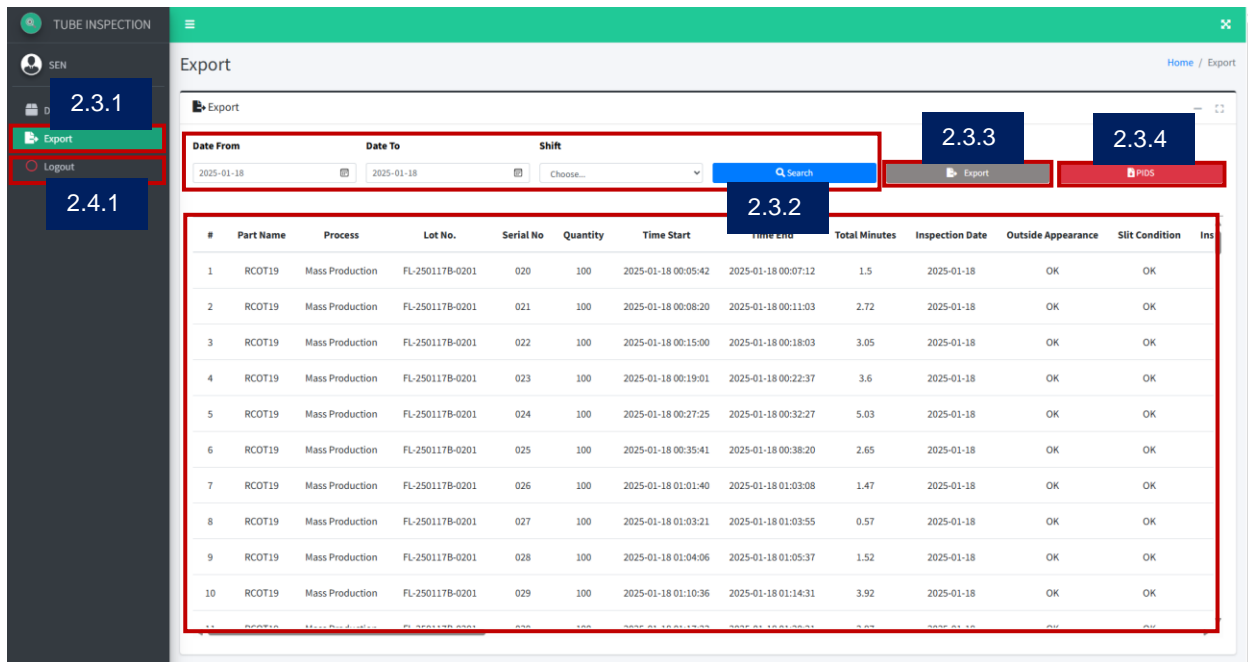


Figure 5. User – Export Page

2.4 Logout

2.4.1 Click the logout button in the sidebar. A popup modal will appear; confirm to sign out from the system. See *Figure 5*

III. ADMIN INTERFACE

3.1 Login

3.1.1 Input the correct login credential, then click on the Login button. *See Figure 1*

3.1.2 Click the Work Instruction button to access the system work guide. *See Figure 1*

3.2 Accounts

3.2.1 The table displays a list of accounts with system access. *See Figure 6*

3.2.2 Click on the Add Account button to view the add account form. *See Figure 6*

3.2.3 Fill-out the needed details, then click on the Add button. *See Figure 7*

3.2.4 Utilize the search field to find specific account data. *See Figure 6*

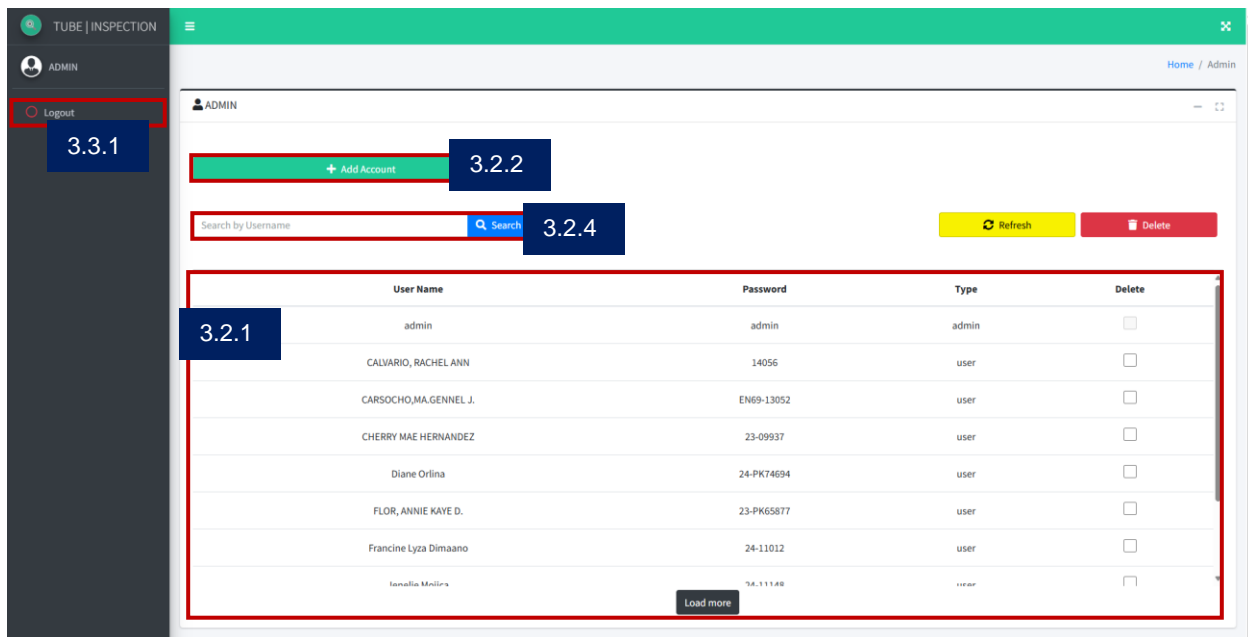


Figure 6. Admin – Accounts Page

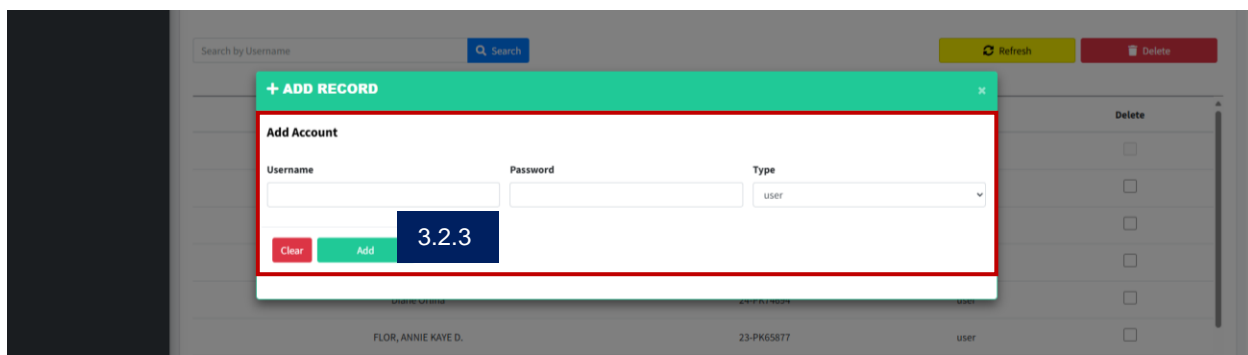


Figure 7. Admin – Add Account Form

3.3 Logout

3.3.1 Click the logout button in the sidebar. A popup modal will appear; confirm to sign out from the system.