





**INSTALLERSPH IT SOLUTIONS**  
Non-VAT  
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## Login

**ADMIN LOGIN**  
Enter your credentials to access the dashboard

Email 


Password 


**LOGIN** 


**CREATE ACCOUNT** 


## Sign Up


**Company Profile**  
Fill-up to Register


Company Name 


Contact Number 

Address 

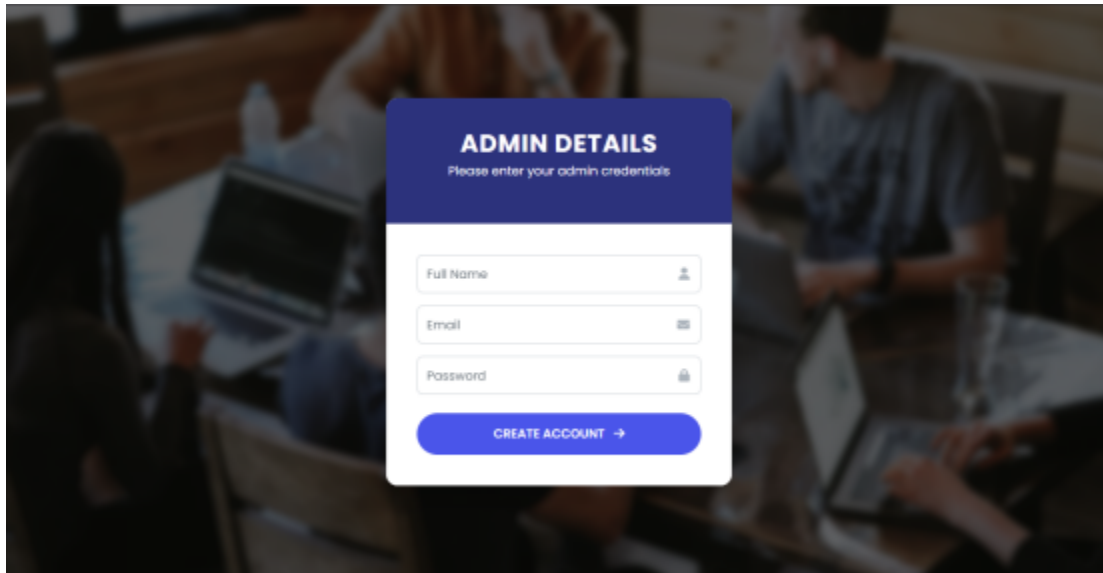
Region 

Province 

City/Municipality 


**PROCEED TO STEP 2** 


## Sign Up Step 2




The image shows a sign-up form titled "ADMIN DETAILS" with the instruction "Please enter your admin credentials". The form is overlaid on a blurred background of people working at computers. It contains three input fields: "Full Name", "Email", and "Password", each with a corresponding icon (person, envelope, and lock). Below the fields is a blue button labeled "CREATE ACCOUNT →".

**ADMIN DETAILS**  
Please enter your admin credentials

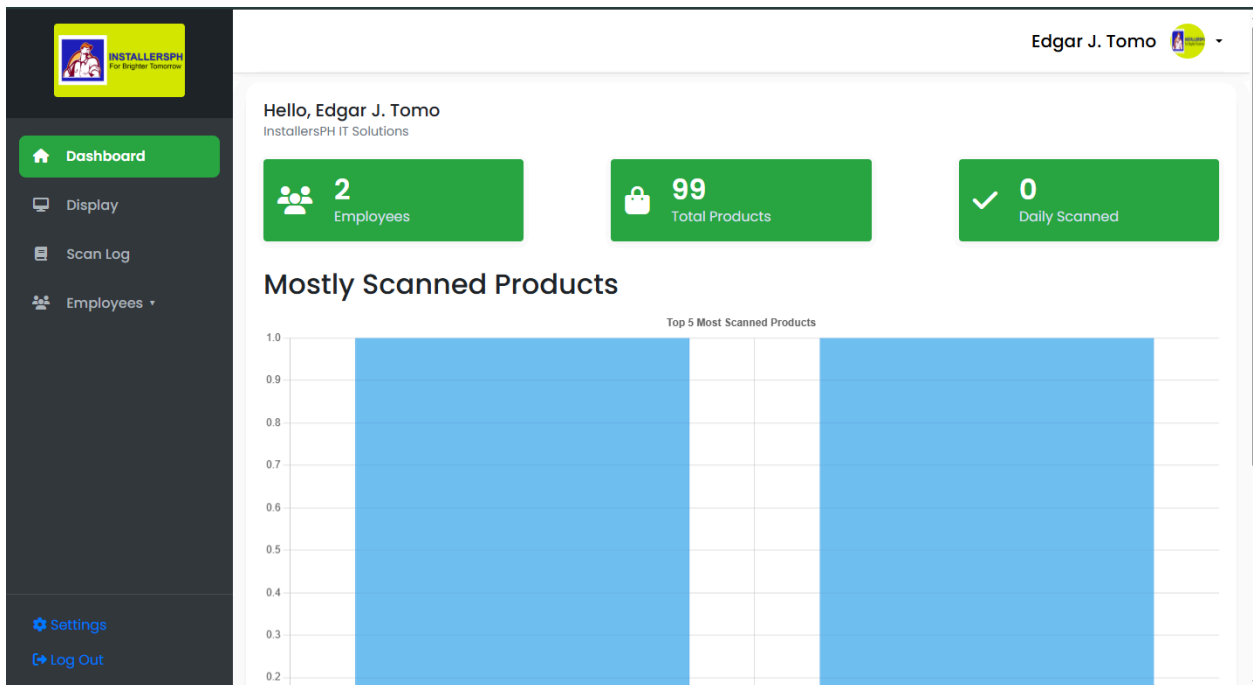
Full Name 

Email 

Password 


**CREATE ACCOUNT →**

## Dashboard





Scan Log



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For Brighter Tomorrow

Dashboard

Display


Scan Log

Employees

Settings

Log Out

Edgar J. Tomo



Scan Log


10 entries

Search...

#	Product Name	Item Code	Barcode	Price	Time Scanned
1	Rice	rce001	3456789012	₱45.00	2025-10-15 00:15:41
2	Toothpaste	tp001	2345678901	₱50.00	2025-10-15 00:15:29

Export CSV

Employees List and Add



Dashboard

Display

Scan Log

Employees


List

Add

Settings

Log Out

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## Employee List


10 entries

Q

Search...

#	Full Name	Email	Role	Actions
1	Edgar J. Tomo	admin@installersph.co m	Admin	<div><div></div><div></div></div>
2	Mark Yoa	markyoa@gmail.com	Staff	<div><div></div><div></div></div>

Export CSV



Dashboard

Display

Scan Log

Employees


List

Add

Settings

Log Out

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## Add Employee

Full Name

Email

Role

Select role


Password

Confirm Password

Clear


Submit

## User Profile



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[Dashboard](#)  
[Display](#)  
[Scan Log](#)  
[Employees ▾](#)  
  
[Settings](#)  
[Log Out](#)

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### User Details


Full Name

Email Address

New Password


[Clear](#) [Save Changes](#)

## Company Profile



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[Dashboard](#)  
[Display](#)  
[Scan Log](#)  
[Employees ▾](#)  
  
[Settings](#)  
[Log Out](#)

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### COMPANY PROFILE

Manage your company details below.

#### Company Details

Company Name

Company Number


Region

Province

City/Municipality

Company Address

## Settings



[Dashboard](#)


[Display](#)

[Scan Log](#)

[Employees ▾](#)


[Settings](#)

[Log Out](#)


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### Settings

Manage your company uploads below.



#### Upload Company Logo




Choose File

No file chosen

Recommended size: 200x200px, PNG/JPG only

Upload Logo



#### Upload Items / Products

Select CSV File

Choose File

No file chosen

Format: Item\_name, item\_code, barcode, price

Upload CSV

# Product Verifier System Documentation

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## System Overview

The Product Verifier System is a web-based platform designed to help companies authenticate their products, track verification activity, and manage employees and devices within their organization. It integrates a web dashboard for administrators and a physical verifier device that scans product barcodes.

When the verifier is idle, it automatically plays promotional videos, allowing companies to maximize screen time for advertising and branding opportunities.

The system ensures that only verified products are scanned and logged, while giving companies control over user management, product data, and advertising content. It supports QR code-based device registration, CSV data import/export, and scan analytics for reporting.

## System Features

### 1. Sign In

- Allows registered users to log into the system using their email and password.
- Supports role-based access: Admin and Staff.
  - Staff users have limited access, mainly scanning and viewing logs.
  - Admins can manage employees, company details, and all system data.

### 2. Sign Up (Company Registration)

The registration process consists of two steps:

#### Step 1 – Company Information

- Collects company details such as name, contact number, address, region, province, and city.



- Generates a unique setup token to identify the company.
- Saves the data in the company table.

#### Step 2 – Admin Account Creation

- Creates the first admin user for the company and stores details in the users table.
- Upon completion, the system generates a QR code containing the company's setup token.
- This QR code is later used to register verifier devices for that company.

### 3. Device Setup

- The QR code provided after registration is scanned by a verifier device.
- This links the device to the company through the device\_setup table.
- Devices are also listed in the devices table with a unique device token.
- Once linked, the device can scan products and send verification logs to the system.

### 4. Dashboard

The dashboard provides a summary view of key company metrics:

- Number of Employees – total users linked to the company
- Total Products – total items registered under the company
- Daily Items Scanned – count of items scanned on the current day
- Top 10 Most Scanned Products – ranked by scan frequency
- Top 5 Recently Scanned Products – latest verified items with timestamps

This gives administrators a real-time overview of company activity and system performance.

## 5. Display (Idle Advertising Mode)

When the product verifier becomes idle, it plays advertisement videos uploaded by the company.

- Each company can upload up to seven (7) promotional videos.
- One default promotional video from *InstallersPH IT Solutions* is always available.
- The total number of playable videos is eight (8).
- Videos are stored in the ads table with upload details and status indicators.

This feature allows companies to use idle screen time to display brand or promotional content effectively.

## 6. Scan Log

Displays all product verification activities recorded by the verifier device.

Each log entry includes:

- Product Name
- Item Code
- Barcode
- Price
- Time Scanned

Logs are stored in the scans table and can be filtered, searched, or exported.

Admins can export the Scan Logs to a CSV file for reporting or analysis.

## 7. Employees (Add and List)

Allows company administrators to manage users within their organization.

- Add Employee – Register new users under the company.
- List Employees – Display all employees with names, emails, roles, and company links.
- Edit / View / Delete – Modify employee details or remove users as needed.

Only admins have full access to employee management.

Admins can also export the employee list to CSV for HR or record-keeping purposes.

## 8. User Profile

Users can update their personal information, including:

- Full name
- Email
- Password

This ensures user information remains current and secure.

## 9. Company Profile

Allows company administrators to manage and update their organizational details.

- Edit company name, address, contact number, region, province, and city
- Manage company setup token and related verifier information
- Upload company advertisement videos (stored in the ads table)
- Upload product lists in CSV format, automatically populating the items table

This module centralizes company-related data and simplifies content management.

## 10. Data Import and Export

The system includes built-in features for data management.

CSV Export:

- Scan Log (for reports and auditing)
- Employee List (Admin only)

CSV Import:

- Product upload under Company Profile to quickly register multiple products at once

These features enhance data portability and simplify integration with external tools such as spreadsheets or analytics software.

## Database Structure

Table Name	Description
ads	Stores uploaded advertisement videos including file path, title, and status.
company	Contains company information, setup token, and location details.
devices	Records devices registered under each company with unique device tokens.
device_setup	Links a device to its corresponding company using the setup token.
items	Contains the list of products or items that can be verified by the company.
scans	Stores logs of each product scan with time and related device/company info.
users	Contains user accounts (admin or staff) associated with each company.

## Database Relationships Summary

- company → users (One-to-Many): A company can have multiple users.
- company → items (One-to-Many): Each company manages its own list of products.
- company → devices (One-to-Many): Each company may register multiple verifier devices.
- devices → scans (One-to-Many): Each device records multiple scan entries.
- device\_setup → company (Many-to-One): Links device setup to the company that owns it.
- users → company (Many-to-One): Each user belongs to a single company.

## Table Keys Summary

Table	Primary Key	Foreign Keys	Key Fields
ads	id	—	title, file_path, active
company	company_id	users_id → users.id	company_name, contact_number, setup_token
devices	id	company_id → company.company_id	device_token
device_setup	device_id	company_id → company.company_id	setup_token
items	id	company_id → company.company_id	item_name, item_code, barcode, price
scans	id	device_id → devices.id, company_id → company.company_id	item_id, scan_time

<b>users</b>	id	company_id → company.company_id	fullname, email, role
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