



INSTALLERSPH IT SOLUTIONS

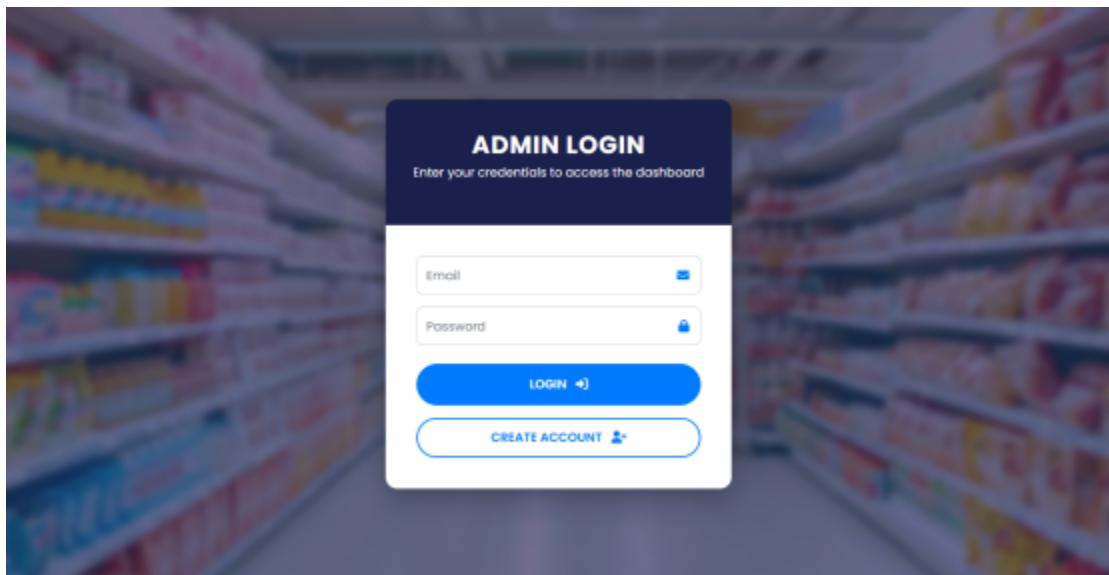
Non-VAT

URL: www.installersph.com

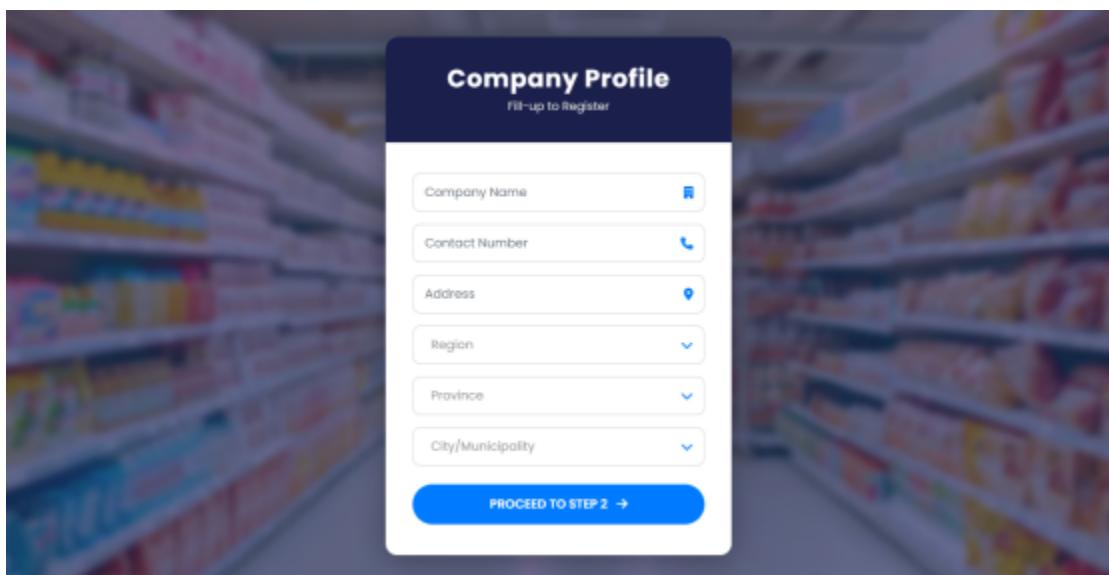
Email: admin@installersph.com

Mobile: +639618856615

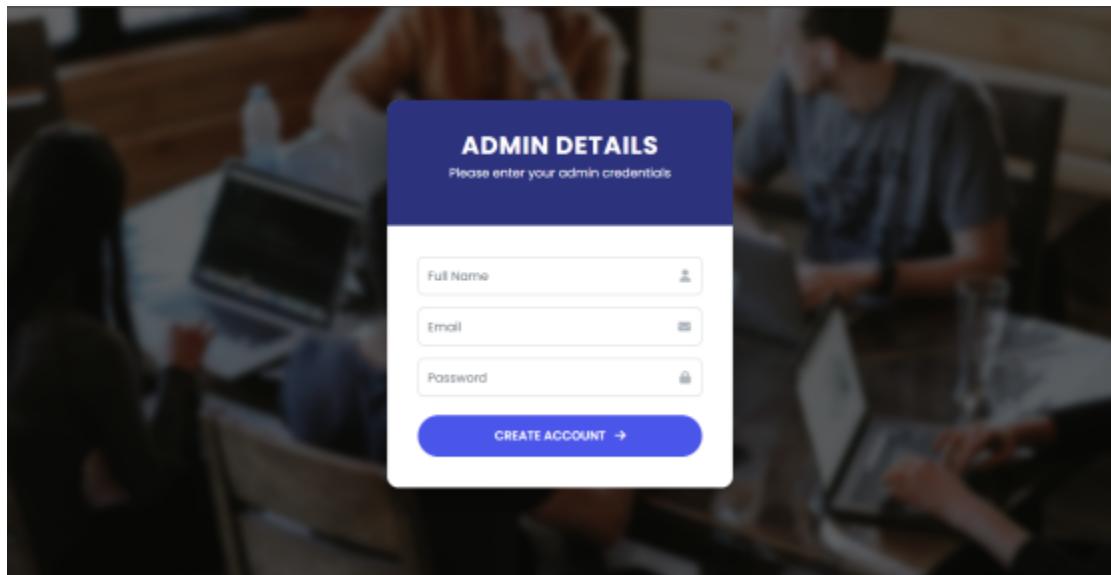
Login



Sign Up



Sign Up Step 2



Dashboard

Hello, Edgar J. Tomo
InstallersPH IT Solutions

2 Employees

99 Total Products

0 Daily Scanned

Mostly Scanned Products

Top 5 Most Scanned Products

Product	Scans
Product A	100
Product B	80
Product C	60
Product D	40
Product E	20

The dashboard displays a bar chart with two bars: one for Rice (blue) reaching approximately 0.95 on the y-axis, and one for Toothpaste (light blue) reaching approximately 0.85. The x-axis categories are Rice and Toothpaste.

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

Display

The video upload interface shows a preview of a video featuring a woman speaking. Below the preview, the video title is listed as "Company Advertisement (Default)" with a "Default" button.

Scan Log

The screenshot shows a web-based application interface for managing a scan log. On the left is a sidebar with a dark theme containing the following navigation items:

- Dashboard
- Display
- Scan Log** (highlighted in green)
- Employees
- Settings
- Log Out

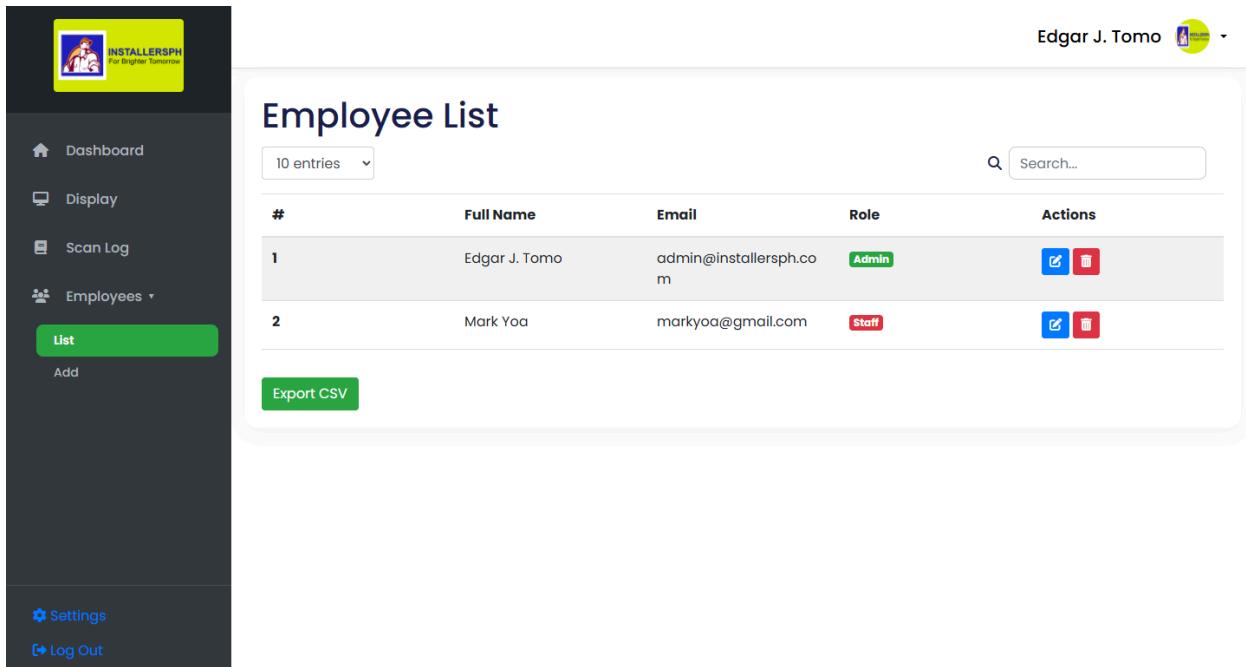
The main content area has a light background. At the top right, there is a user profile for "Edgar J. Tomo" with a small circular profile picture. Below the header, the title "Scan Log" is displayed. Underneath the title is a search bar with the placeholder "Search...". To the left of the search bar is a dropdown menu showing "10 entries" with a downward arrow.

A table lists the scanned items with the following data:

#	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

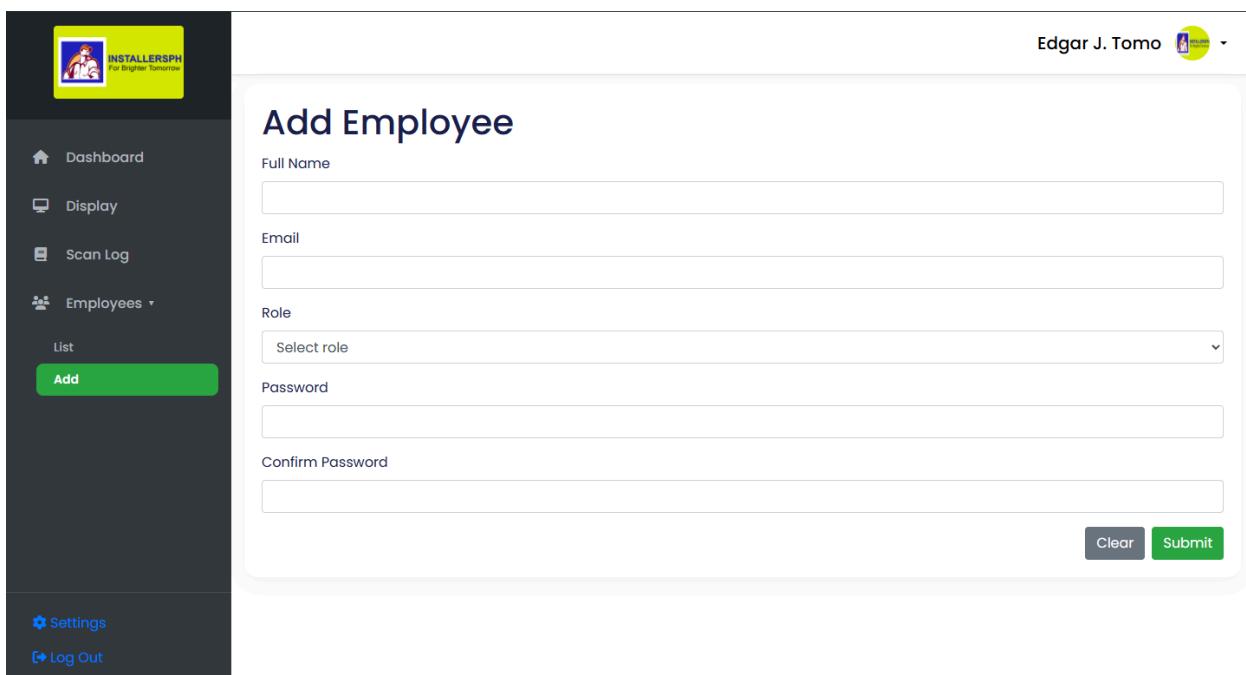
At the bottom right of the table area is a green button labeled "Export CSV".

Employees List and Add



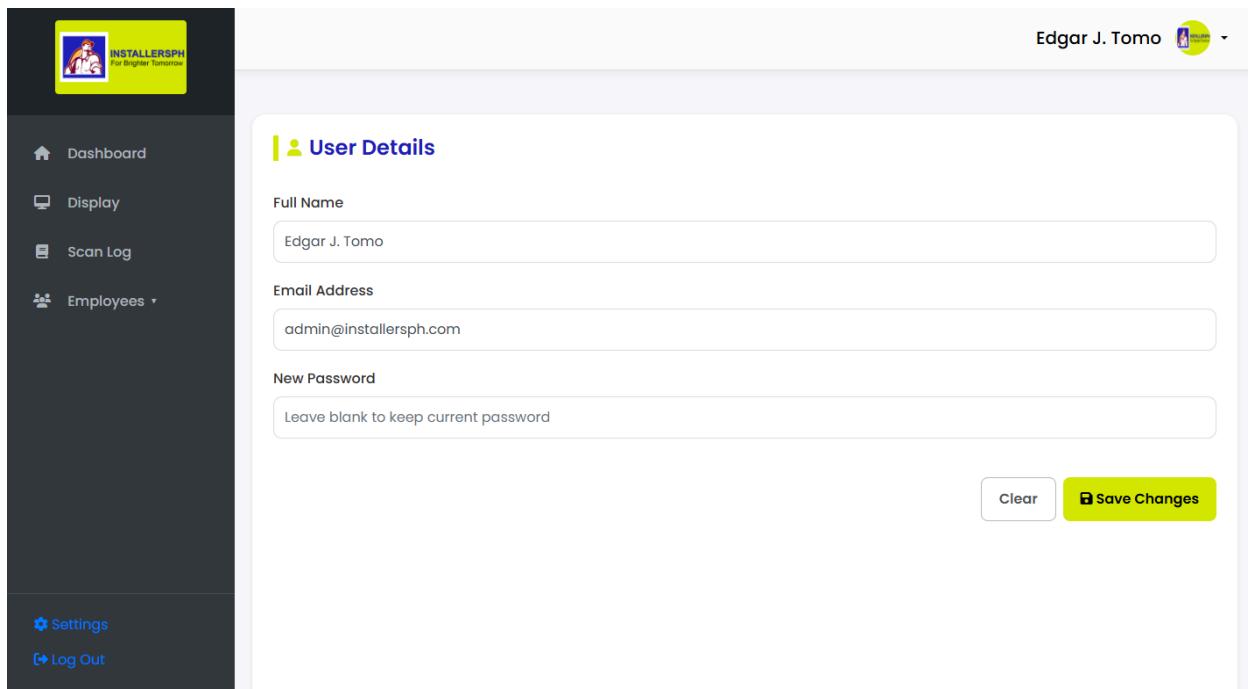
The screenshot shows the 'Employee List' page of a web application. At the top right, the user is identified as 'Edgar J. Tomo' with a small profile picture. On the left, a dark sidebar menu includes 'Dashboard', 'Display', 'Scan Log', 'Employees' (with 'List' selected), 'Add', 'Settings', and 'Log Out'. The main content area has a title 'Employee List' and a search bar with a dropdown showing '10 entries'. A table lists two employees: Edgar J. Tomo (Admin) and Mark Yoa (Staff). Each row has edit and delete icons. A green 'Export CSV' button is at the bottom.

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



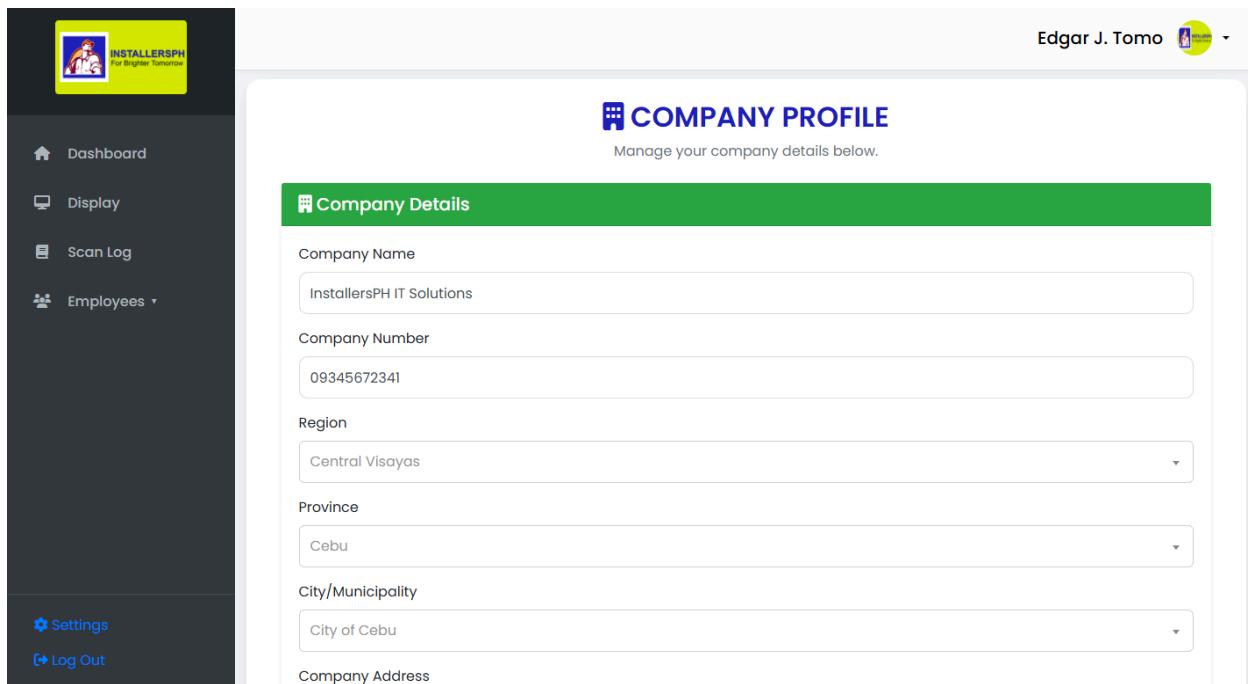
The screenshot shows the 'Add Employee' page. At the top right, the user is identified as 'Edgar J. Tomo' with a small profile picture. On the left, a dark sidebar menu includes 'Dashboard', 'Display', 'Scan Log', 'Employees' (with 'Add' selected), 'List', 'Settings', and 'Log Out'. The main content area has a title 'Add Employee' and form fields for 'Full Name' (input field), 'Email' (input field), 'Role' (dropdown menu with 'Select role'), 'Password' (input field), and 'Confirm Password' (input field). At the bottom right are 'Clear' and 'Submit' buttons.

User Profile



A screenshot of the User Profile interface. On the left is a dark sidebar with the company logo at the top. Below the logo are several menu items: Dashboard, Display, Scan Log, Employees (with a dropdown arrow), Settings, and Log Out. The main content area has a header "User Details" with a blue person icon. It contains three input fields: "Full Name" with the value "Edgar J. Tomo", "Email Address" with the value "admin@installersph.com", and "New Password" with the placeholder "Leave blank to keep current password". At the bottom right are two buttons: "Clear" and a yellow "Save Changes" button with a save icon.

Company Profile



A screenshot of the Company Profile interface. The layout is similar to the User Profile screen, with a dark sidebar on the left containing the company logo, menu items (Dashboard, Display, Scan Log, Employees, Settings, Log Out), and a green "COMPANY PROFILE" header with a building icon. The main content area features a green "Company Details" header. Below it are several input fields: "Company Name" with the value "InstallersPH IT Solutions", "Company Number" with the value "09345672341", "Region" with the value "Central Visayas" in a dropdown, "Province" with the value "Cebu" in a dropdown, "City/Municipality" with the value "City of Cebu" in a dropdown, and "Company Address" which is currently empty. The "Save Changes" button is visible at the bottom right.

Settings



Edgar J. Tomo 

[Dashboard](#)

[Display](#)

[Scan Log](#)

[Employees](#) ▾

[Settings](#)

[Log Out](#)

⚙️ Settings

Manage your company uploads below.

Upload Company Logo



Choose File No file chosen

Recommended size: 200x200px, PNG/JPG only

[Upload Logo](#)

CSV Upload Items / Products

Select CSV File

Choose File No file chosen

Format: item_name, item_code, barcode, price

[Upload CSV](#)

Product Verifier System Documentation

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

users	id	company_id → company.company_id	fullname, email, role
--------------	-----------	--	------------------------------