

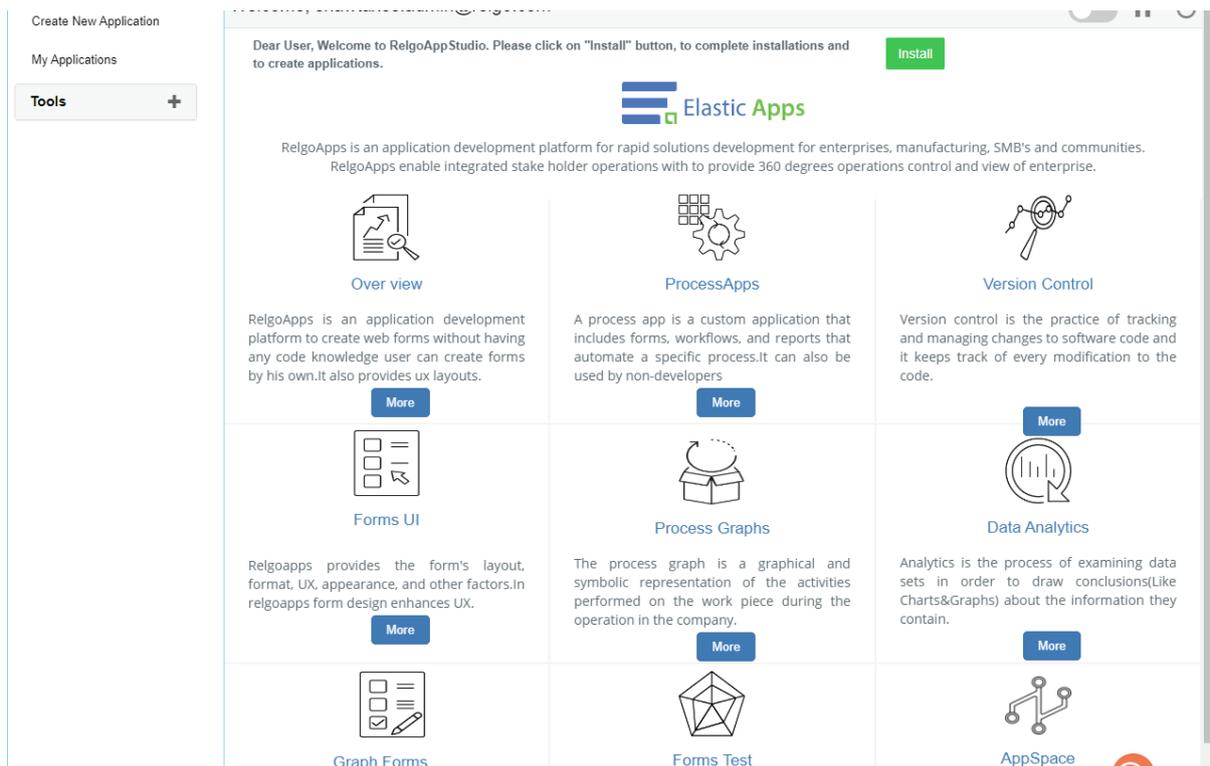
Device Application

The device application is designed to keep track of the specific devices used for monitoring employee attendance. This is achieved by specifying the type of device being used and issuing commands to the device. These commands enable the device to accurately and effectively record employee attendance. In simpler terms, the application helps you ensure that the attendance tracking device is properly identified and configured, so it can reliably and accurately keep a record of when employees clock in and out.

- Create account in **Relgo Solution Builder**
- Verify and generate identity cast after that subscribe with generated Identity cast and login to relgo solution builder

In that click on elasticapp.io → my applications

The following screen will be appeared



Click On 'My Applications'

The following screen will be displayed.

Show 10 entries

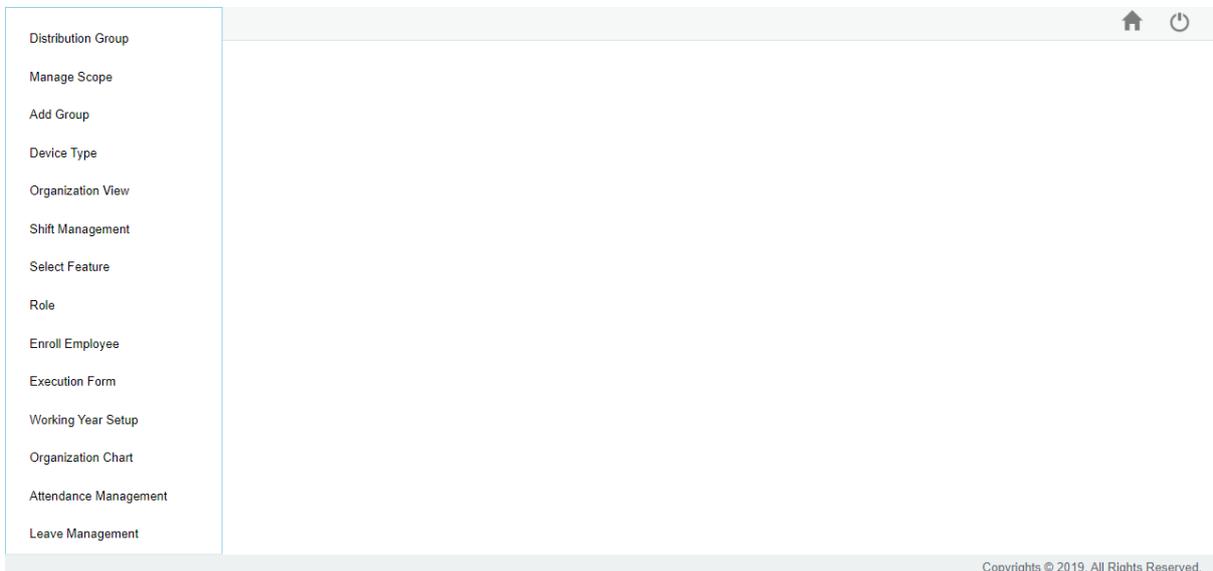
Application Name	Description	App CreatedTime	Editor
baseapps		8/26/2023 4:38:14 AM	
hrmanagement		8/26/2023 4:36:41 AM	
organizationmanagement		8/26/2023 4:28:46 AM	
relgobusinessservices		8/26/2023 4:40:46 AM	

Showing 1 to 4 of 4 entries

Previous 1 Next

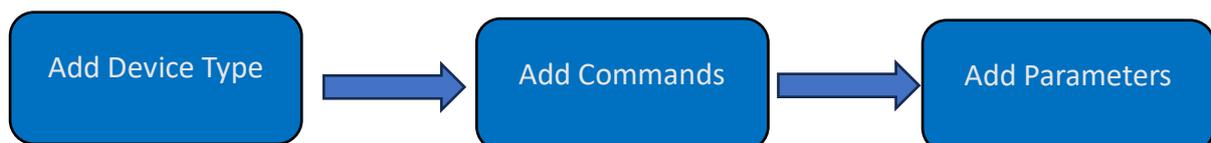
After that click on Dash board of the HR management Application

The following screen will be appeared



Device Forms Flow:

Device forms flow for device developers



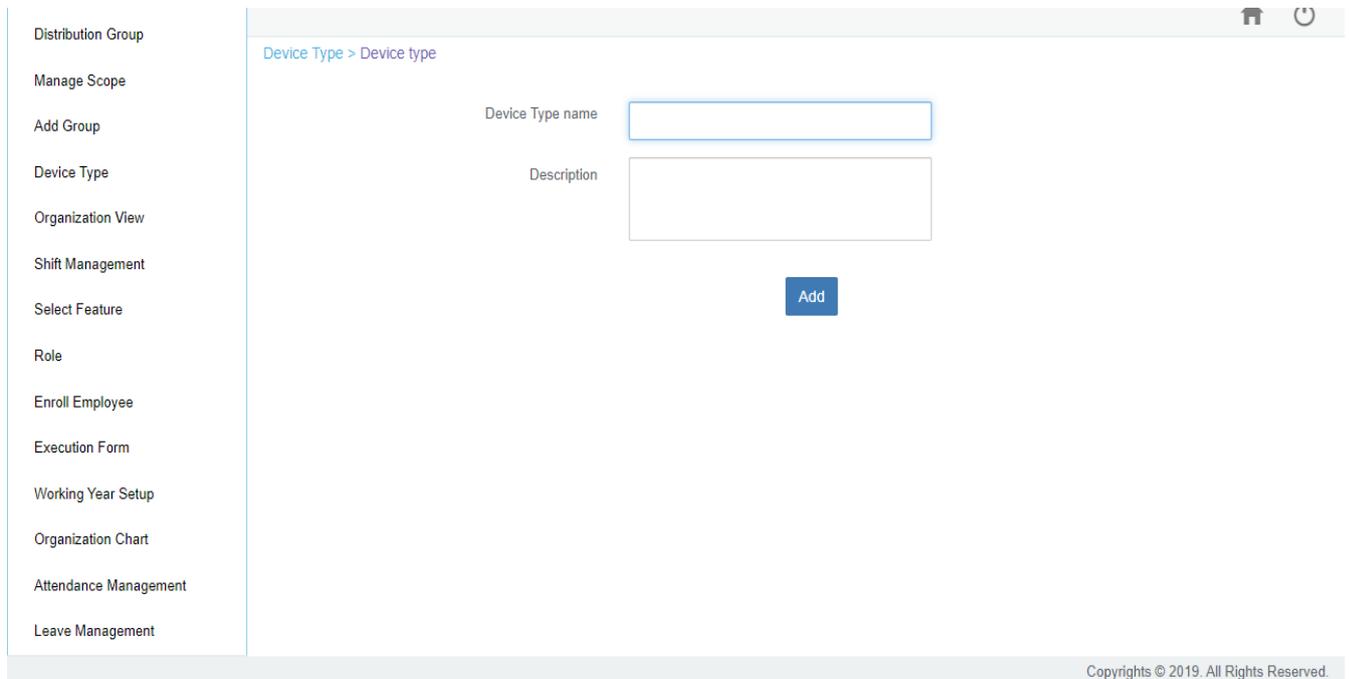
Add Device Type:

Device Type form in an attendance management application is to categorize, describe, and define the various types of devices used for tracking employee attendance.

User level: Device Developer

Path: Device type → Device type form in dashboard of application

Device type form will be appeared as follows



The screenshot shows a web application interface for adding a device type. On the left is a vertical sidebar menu with the following items: Distribution Group, Manage Scope, Add Group, Device Type, Organization View, Shift Management, Select Feature, Role, Enroll Employee, Execution Form, Working Year Setup, Organization Chart, Attendance Management, and Leave Management. The main content area has a breadcrumb trail 'Device Type > Device type' and contains two input fields: 'Device Type name' and 'Description'. Below these fields is a blue 'Add' button. The footer of the page contains the text 'Copyrights © 2019. All Rights Reserved.'

Here we have to enter the Device Type name and Description of that particular device and then click on 'ADD' button.

You can see the view of device type form after adding the form.

Add Command Form:

Add Command Form is designed to allow administrators to define specific commands that can be sent to a selected device type for various purposes. These commands enable the application to interact with and control the attendance tracking device effectively.

User level: Device Developer

Path: Device type → Add Command Form in dashboard of application

Add Command Form will be appeared as follows

Distribution Group

Manage Scope

Add Group

Device Type

Organization View

Shift Management

Select Feature

Role

Enroll Employee

Execution Form

Working Year Setup

Organization Chart

Attendance Management

Leave Management

Device Type > Add Command Form

Select Device Type

command name

Description

Add Command Form

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Here we have to select the device type which we added in previous form device type, enter the command name of the device and also give description of that command and then click on 'Add Command' Form button.

You can see the view of Add command form after adding the form.

Add Parameter:

The Add Parameter Form allows administrators to define specific parameters and values for commands that can be sent to a selected device type. These parameters help customize the behavior of the device when specific commands are executed.

User level: Device Developer

Path: Device type → Add Parameter in dashboard of application

Add Parameter will be appeared as follows

Distribution Group

Manage Scope

Add Group

Device Type

Organization View

Shift Management

Select Feature

Role

Enroll Employee

Execution Form

Working Year Setup

Organization Chart

Attendance Management

Leave Management

Device Type > Add Parameter

Select Device Type

Select Command Type

Parameter Name

Type

Parameter value

Add Parameter

Here we have to select the device type after that select command type also which we added in previous forms 'device type' and 'add command form' and then enter the parameter name of the command, type and parameter value after that click on 'Add Parameter' button.

You can see the view of Add Parameter after adding the form.

Device Forms:

Device forms flow for Admin Team

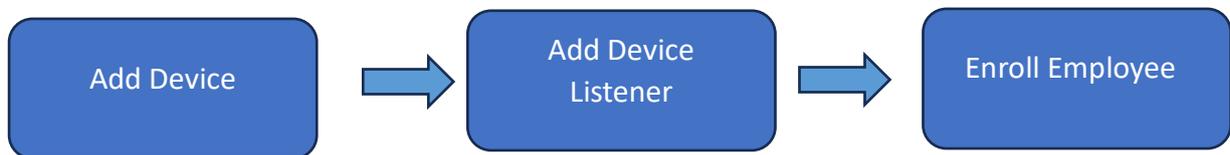
Create account in Relgo solution portal, Verify and generate identity cast after that login to relgo solution portal the screen will appear on following

All Modules

Module	Description	
Human Resource Management	Manages employees and workers attendance, leaves, benefits, performance and presence for payroll. Application integrates presence with IOT device for collecting presence data.	Details Launch
My Applications		Details Launch
Common Apps		Details Launch

Here click on Launch button on Human Resource Management as following screen appears

The screenshot shows the RELGO application interface. The top left corner features the RELGO logo with the tagline "Process Simplified". The top right corner has a "Logout" button. The left sidebar is expanded to show the "Human Resource Management" module, which is highlighted in blue and has a close button (X). Below it, several sub-modules are listed with dropdown arrows: "Organization Directory", "App Configurations", "Organization Calendar", and "Attendance Management". On the right side of the main content area, there is a vertical menu with a hamburger icon and the letters "HELP" stacked vertically.



Add Device:

The Add Device form serves the purpose of configuring and defining various aspects of network devices, including their names, IDs, types, addresses, Assigning Commands and Location Information.

User level: Admin Team

Path: Organization Directory → Setup → Add Device

Add Device will be appeared as follows

The screenshot displays the 'Add Device' form in the RELGO application. The sidebar on the left is titled 'Human Resource Management' and includes a list of navigation options: Organization Directory, Setup, Add Location, View Locations, Add Department, View Departments, View Role, Add Role, Add Role, View Device, Add Device (highlighted), View Device Listeners, and Map Device to Form. The main content area is titled 'OrganizationDirectory / Setup / Add Device' and contains the following fields:

- Network: Select an Option (dropdown)
- Group: Select an Option (dropdown)
- Device Name: Text input field
- Device ID: Text input field
- Device Type: Select an Option (dropdown)
- Select Commmands: Select Some Options (dropdown)
- Device Address: Text input field
- Select Device Location: Select an Option (dropdown)

An 'Add' button is located at the bottom right of the form.

Here we have to select network and group and enter the device name, device ID, select Device type and select commands of particular device and enter the address of device and also select location of device and then click on ADD button.

You can see the view of Add device after adding the form.

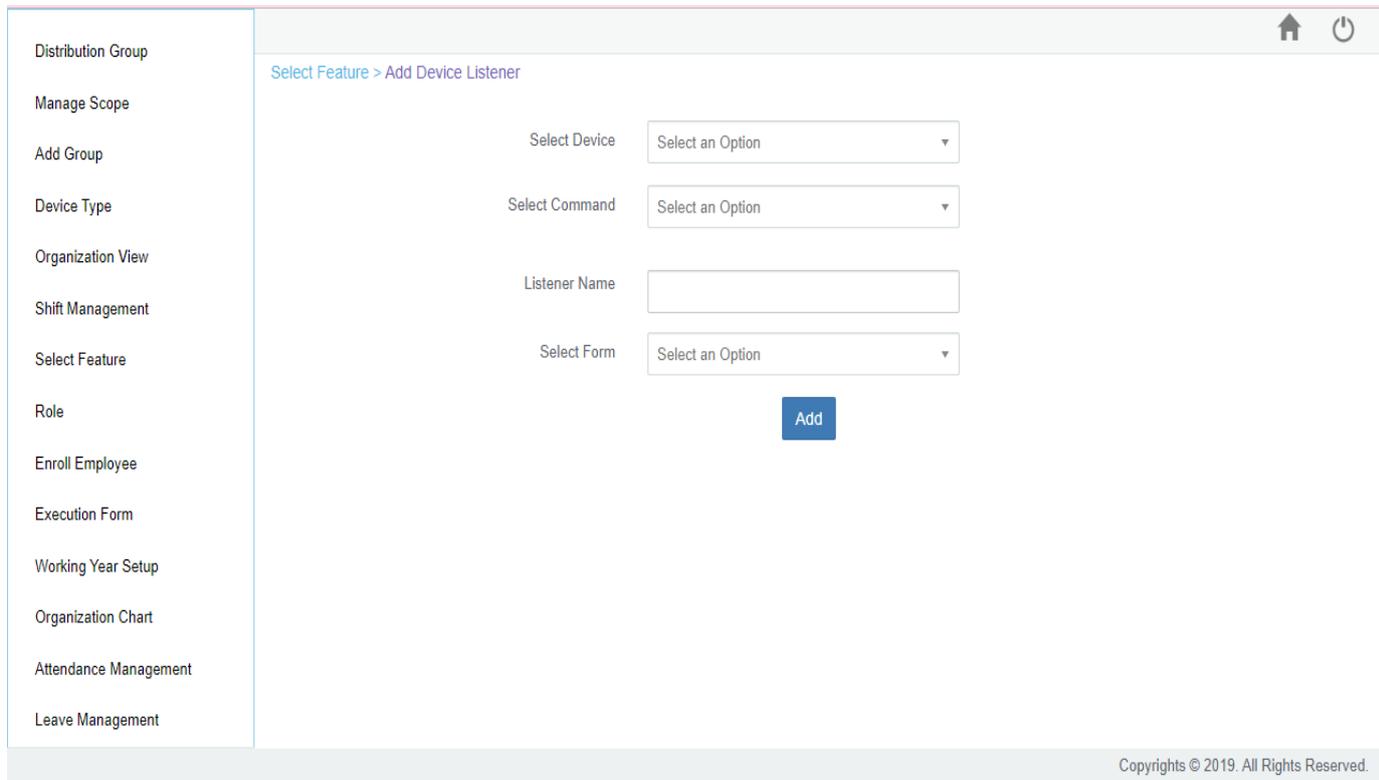
Add Device Listener:

The Add device listener form is to set up a connection between a specific device and a command, allowing administrators to monitor and respond to real-time events and actions within a network or system. By selecting a device and specifying the associated command, administrators can create a "listener" that acts as a bridge between the device's activity and the command's execution.

User level: Device Developer

Path: Login to relgo solution builder → elastic app.io → Dashboard of the HR management application → Select Feature → Add Device Listener

Add Device Listener form will be appeared as follows



Distribution Group

Manage Scope

Add Group

Device Type

Organization View

Shift Management

Select Feature

Role

Enroll Employee

Execution Form

Working Year Setup

Organization Chart

Attendance Management

Leave Management

Select Feature > Add Device Listener

Select Device

Select Command

Listener Name

Select Form

Add

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Here We have to select Device and select command associated with that selected device and enter Listener name and select form which form do you want and proceed by clicking the 'Add' button.

Form Variables mapping with IOT Variables: (Application Developer)

Mapping to device and listeners in Manage Variables.

User level: Application Developer

Path: login to Relgo solution builder → elasticapp.io → my applications → designer Icon → manage forms under widgets → Manage variables → select variable

The screen appeared as following

Here we have to open variables of form (to be filled or submitted which are initially mapped to device and listeners) in Manage Variables. Select the respective device type, command, parameter name and click on update the variable button.

Enroll Employee:

Enroll Employee form is to create a connection between a specific device, a designated command, and a particular employee, typically identified by their employee code. By doing so, administrators can efficiently manage and track employee actions and interactions with network devices or systems.

User level: Admin/HR team

Path: login to Relgo solution portal → launch on HRM → Organization Directory → on boarding → Enroll Employee.

Enroll employee form will be appeared as follows

Human Resource Management X

- Organization Directory
- Setup
- Onboarding
- Add Position
- View Positions
- View Members
- New Member
- Add Employee
- View Employees
- Employee License assignment
- Enroll Biometrics**
- View Enrolled Employees
- Organization Hierarchy Chart
- App Configurations

OrganizationDirectory / Onboarding / Enroll Biometrics

Select Device

Select Command

Select Employee ⓘ

*Employee Code ⓘ

Here we have to select device and select command of that particular device and select employee in organization and enter the employee code and then click on 'enroll employee' button.

We can see view of enroll employee in view enrolled employees form after adding the form.