

Sunward Portal Management System

DOCUMENT INFORMATION

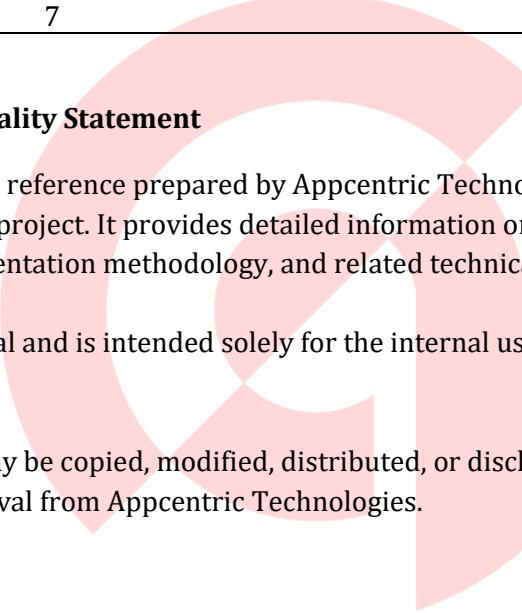
Prepared by	Appcentric Technologies
Client	Sunward
Project Name	Sunward Portal Management System
Prepared by	Sakthi Kumar
Module Name	Internal Application Module
Pages	7

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This document is a technical reference prepared by Appcentric Technologies for the Sunward Portal Management System project. It provides detailed information on the system architecture, technical approach, implementation methodology, and related technical specifications.

This document is confidential and is intended solely for the internal use of the authorized technical team of Sunward.

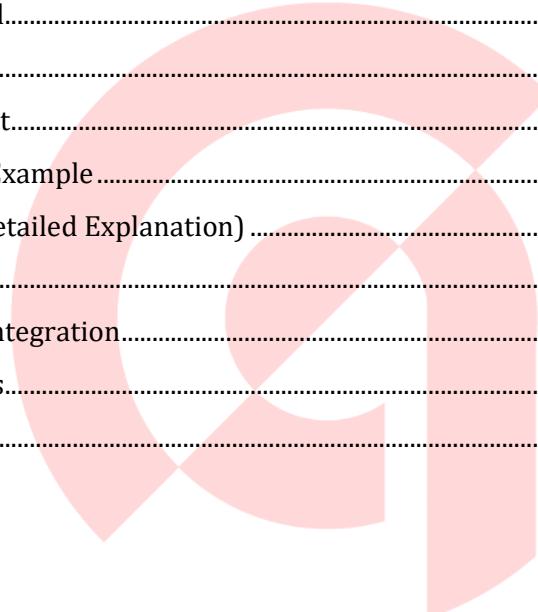
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1. Project Overview

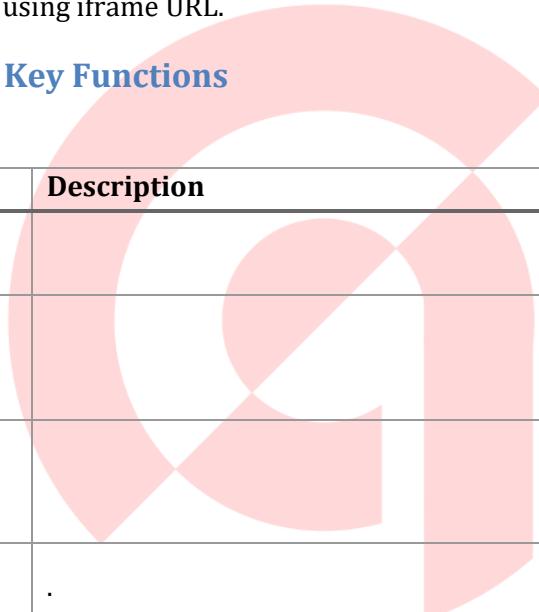
The Internal Permission module manages the portal's sitemap, menu structure and access control. It allows administrators to create hierarchical navigation using Sitemap and Menu items, each linked to Page URLs that load dynamically inside an iframe.

2. Objectives

- Build tree-structured sitemap groups.
- Add menu items with URL mapping.
- Control user/role permissions.
- Load content dynamically using iframe URL.

3. System Modules & Key Functions

Module	Description	Key Users
Sitemap Management		All Users
Menu Management		All Users
Role Permissions		Administrator
iframe Content Loader	.	All Users

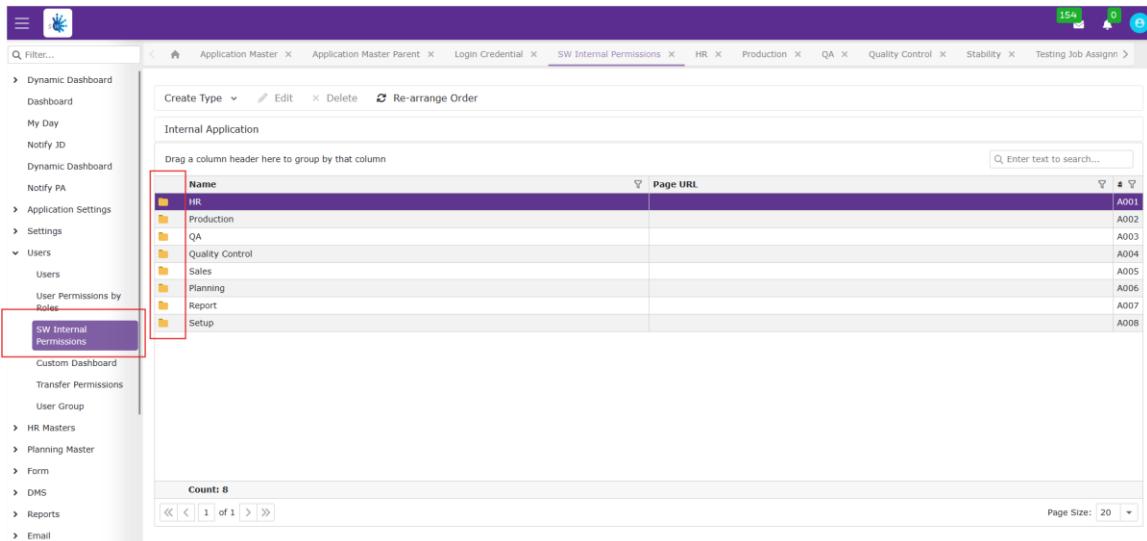


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4. Functional Components

- Add Sitemap: Creates top-level folder node.
- Add Menu: Creates sub-menu item under sitemap.
- Edit/Delete: Modify or remove existing entries.
- Re-arrange Order: Adjust display sequence.
- Page URL Mapping: Determines which page loads inside iframe.

4.1 Internal Permissions Main View (UI)

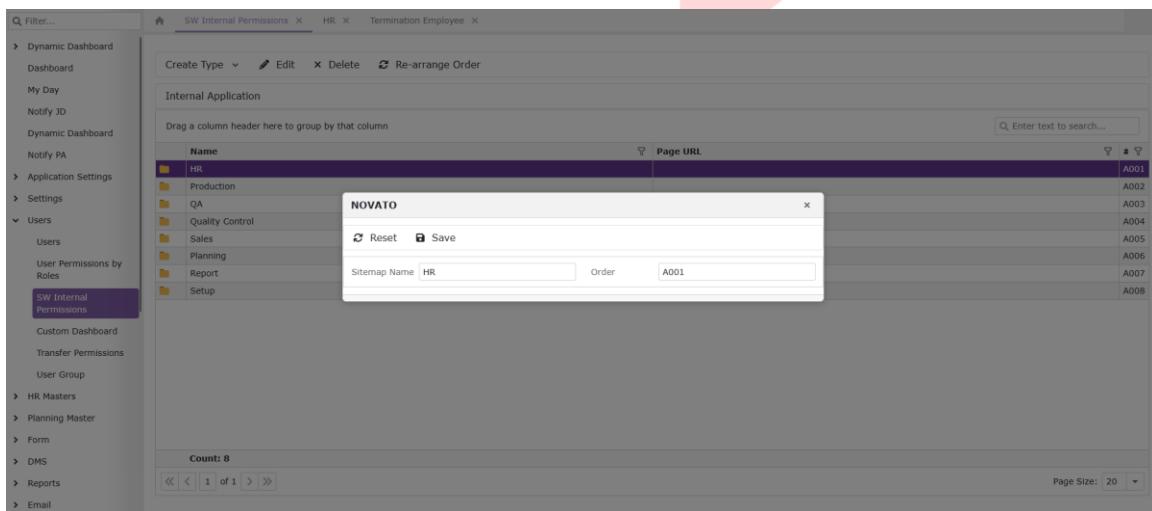


The screenshot shows the main view of the Internal Permissions application. On the left is a navigation sidebar with various menu items. One item, "SW Internal Permissions", is highlighted with a red box. The main content area displays a table of internal applications. The columns are "Name" and "Page URL". The data rows are:

Name	Page URL
HR	A001
Production	A002
QA	A003
Quality Control	A004
Sales	A005
Planning	A006
Report	A007
Setup	A008

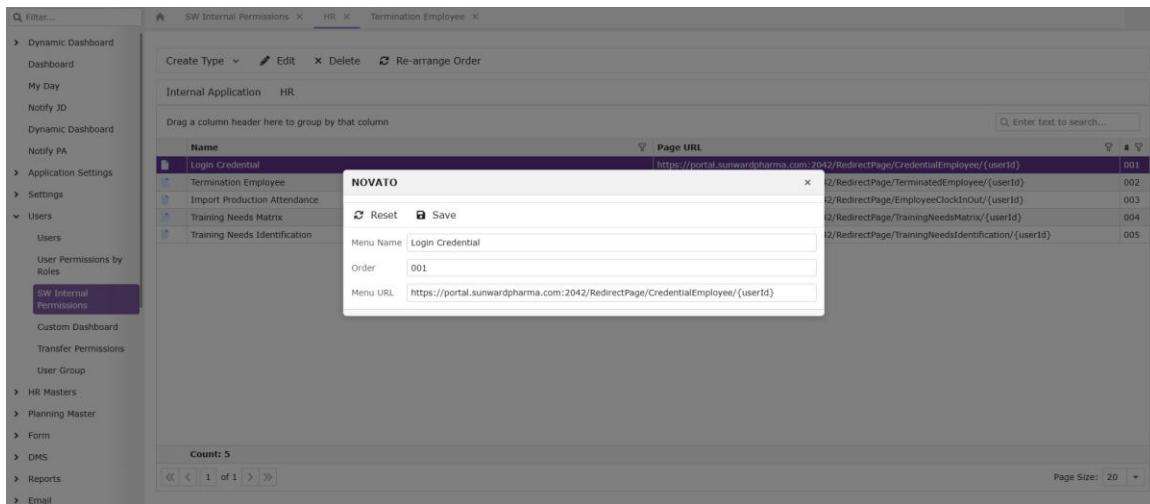
At the bottom of the table, there is a search bar with the placeholder "Enter text to search..." and a "Page Size:" dropdown set to 20. Below the table, a footer bar shows "Count: 8" and navigation icons.

4.2 Add Sitemap Modal



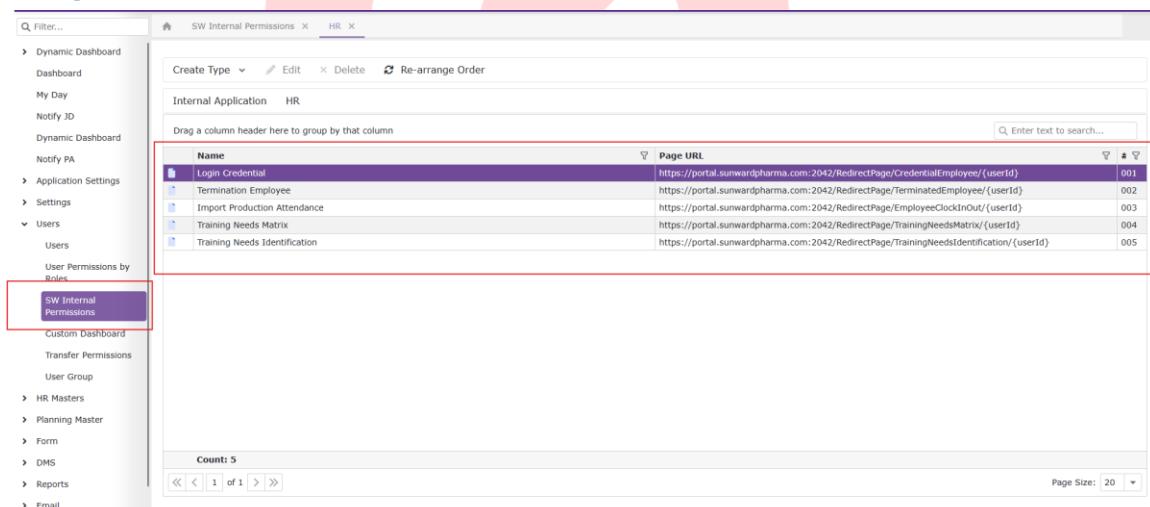
The screenshot shows the Internal Permissions application with a modal window open. The modal is titled "NOVATO" and contains two buttons: "Reset" and "Save". Below the buttons, there are input fields for "Sitemap Name" (set to "HR") and "Order" (set to "A001"). The background of the application shows the same list of internal applications as the previous screenshot, with the "SW Internal Permissions" menu item also highlighted with a red box.

4.3 Add Menu Modal



Name	Page URL	Order
NOVATO	https://portal.sunwardpharma.com:2042/RedirectPage/TerminatedEmployee/{userId}	002
	https://portal.sunwardpharma.com:2042/RedirectPage/EmployeeClockInOut/{userId}	003
	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsMatrix/{userId}	004
	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsIdentification/{userId}	005
Login Credential	https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}	001

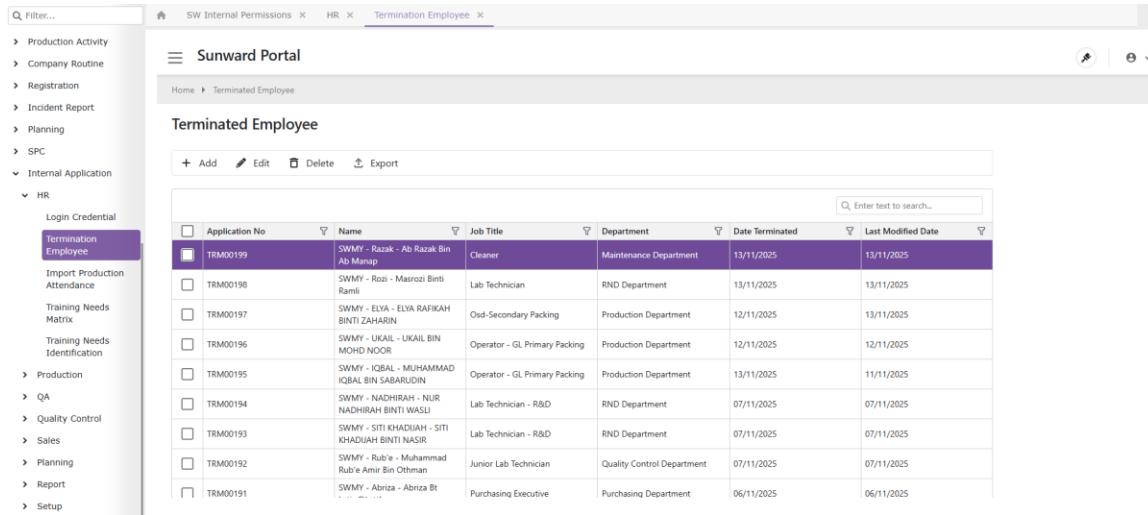
4.4 Menu Page URL List



Name	Page URL	Order
NOVATO	https://portal.sunwardpharma.com:2042/RedirectPage/TerminatedEmployee/{userId}	002
	https://portal.sunwardpharma.com:2042/RedirectPage/EmployeeClockInOut/{userId}	003
	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsMatrix/{userId}	004
	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsIdentification/{userId}	005
Login Credential	https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}	001
Termination Employee	https://portal.sunwardpharma.com:2042/RedirectPage/TerminatedEmployee/{userId}	002
Import Production Attendance	https://portal.sunwardpharma.com:2042/RedirectPage/EmployeeClockInOut/{userId}	003
Training Needs Matrix	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsMatrix/{userId}	004
Training Needs Identification	https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsIdentification/{userId}	005

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4.5 Iframe Load Page Example

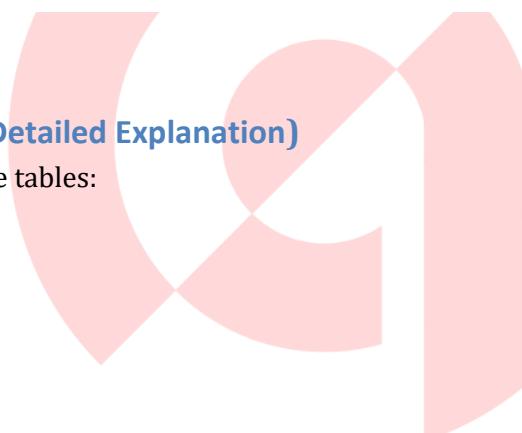


The screenshot shows a left sidebar with navigation links for various modules like Production Activity, Company Routine, Registration, Incident Report, Planning, SPC, Internal Application, HR, and Login Credential. Under HR, 'Termination Employee' is selected. The main content area displays a table titled 'Terminated Employee' with columns: Application No, Name, Job Title, Department, Date Terminated, and Last Modified Date. The table contains 11 rows of data, each with a checkbox and a link to edit or delete the record.

	Application No	Name	Job Title	Department	Date Terminated	Last Modified Date
<input type="checkbox"/>	TRM00199	SWMY - Razak - Ab Razak Bin Ab Manap	Cleaner	Maintenance Department	13/11/2025	13/11/2025
<input type="checkbox"/>	TRM00198	SWMY - Rosi - Masrozi Binti Ramli	Lab Technician	RND Department	13/11/2025	13/11/2025
<input type="checkbox"/>	TRM00197	SWMY - ELVA - ELVA RAFIKAH BINTI ZAHARIAH	Std-Secondary Packing	Production Department	12/11/2025	13/11/2025
<input type="checkbox"/>	TRM00196	SWMY - UKAL - UKAL BIN MOHD NOOR	Operator - GL Primary Packing	Production Department	12/11/2025	12/11/2025
<input type="checkbox"/>	TRM00195	SWMY - IOBAL - MUHAMMAD IOBAL BIN SABARUDIN	Operator - GL Primary Packing	Production Department	13/11/2025	11/11/2025
<input type="checkbox"/>	TRM00194	SWMY - NADHIRAH - NUR NADHIRAH BINTI WASLI	Lab Technician - R&D	RND Department	07/11/2025	07/11/2025
<input type="checkbox"/>	TRM00193	SWMY - SITI KHADIJAH - SITI KHADIJAH BINTI NASIR	Lab Technician - R&D	RND Department	07/11/2025	07/11/2025
<input type="checkbox"/>	TRM00192	SWMY - Rub'e - Muhammad Rub'e Amir Bin Othman	Junior Lab Technician	Quality Control Department	07/11/2025	07/11/2025
<input type="checkbox"/>	TRM00191	SWMY - Abriza - Abriza bt	Purchasing Executive	Purchasing Department	06/11/2025	06/11/2025

5. Database Structure (Detailed Explanation)

Recommended database tables:



1. Sitemap:

- SitemapID (PK)
- Name
- ParentID
- OrderNo
- StatusCode

2. MenuItems:

- MenuItemID (PK)
- SitemapID (FK)
- Name
- PageURL
- OrderNo
- StatusCode

3. Permissions:

- PermissionID (PK)
- MenuItemID (FK)
- RoleID/UserID
- CanView
- CanEdit

6. Business Logic

- Sitemap builds top-level hierarchy.
- Menu items linked to sitemap load content.
- Permissions restrict menu visibility.
- iframe loads PageURL dynamically.

7. Iframe Landing Page Integration

The iframe loads the PageURL stored in database:

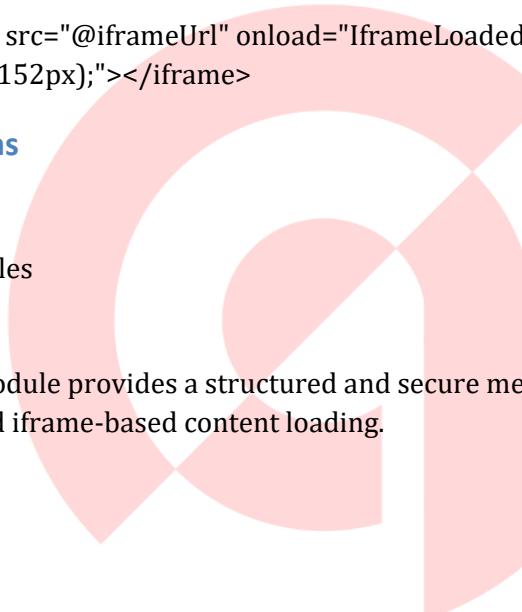
```
<iframe id="contentFrame" src="@iframeUrl" onload="IframeLoaded()" width="100%" style="height: calc(100vh - 152px);"></iframe>
```

8. Security & Permissions

- URL validation
- Role-based access
- Enforce menu visibility rules

9. Summary

The Internal Application module provides a structured and secure method for managing sitemap navigation, menu items, and iframe-based content loading.



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