

# Sunward Portal Management System

## DOCUMENT INFORMATION

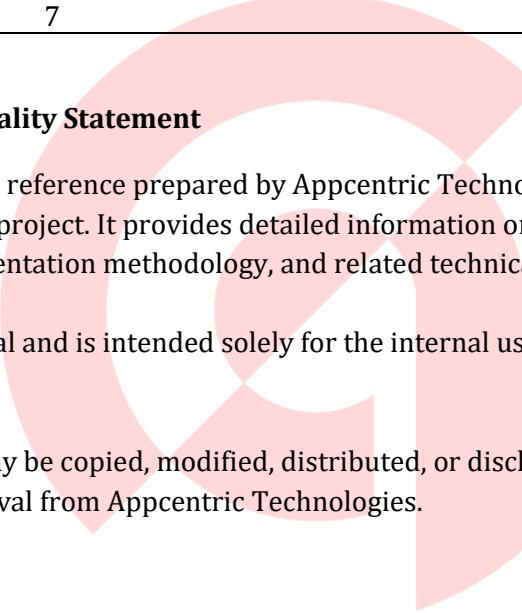
Prepared by	Appcentric Technologies
Client	Sunward
Project Name	Sunward Portal Management System
Prepared by	Vijayakumar
Module Name	Internal Application Module
Pages	7

## Disclaimer and Confidentiality Statement

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.

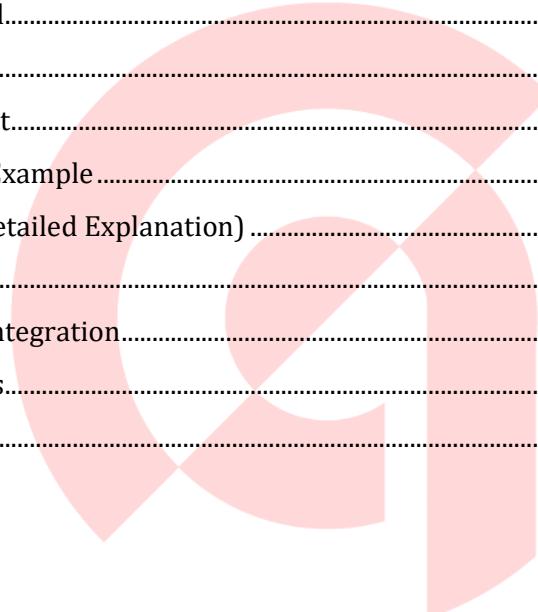
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## Table of Contents

Sunward Portal Management System.....	1
1. Project Overview .....	3
2. Objectives .....	3
3. System Modules & Key Functions .....	3
4. Functional Components .....	4
4.1 Internal Permissions Main View (UI).....	4
4.2 Add Sitemap Modal.....	4
4.3 Add Menu Modal.....	5
4.4 Menu Page URL List.....	5
4.5 Iframe Load Page Example .....	6
5. Database Structure (Detailed Explanation) .....	6
6. Business Logic.....	7
7. Iframe Landing Page Integration.....	7
8. Security & Permissions.....	7
9. Summary .....	7



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## 1. Project Overview

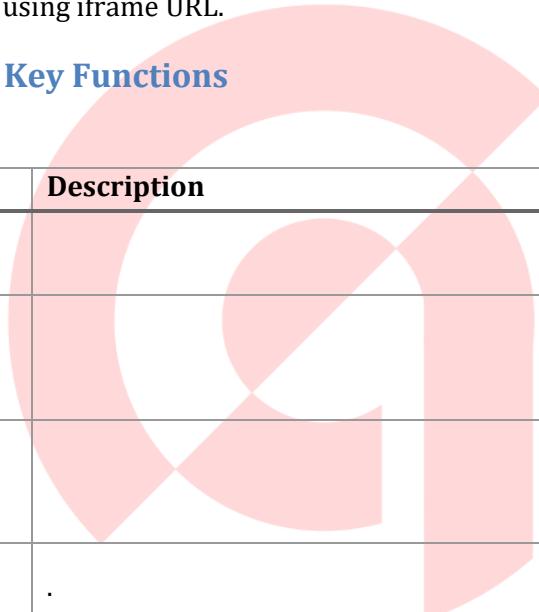
The Internal Permission module manages the portal's sitemap, menu structure and access control. It allows administrators to create hierarchical navigation using Sitemap and Menu items, each linked to Page URLs that load dynamically inside an iframe.

## 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

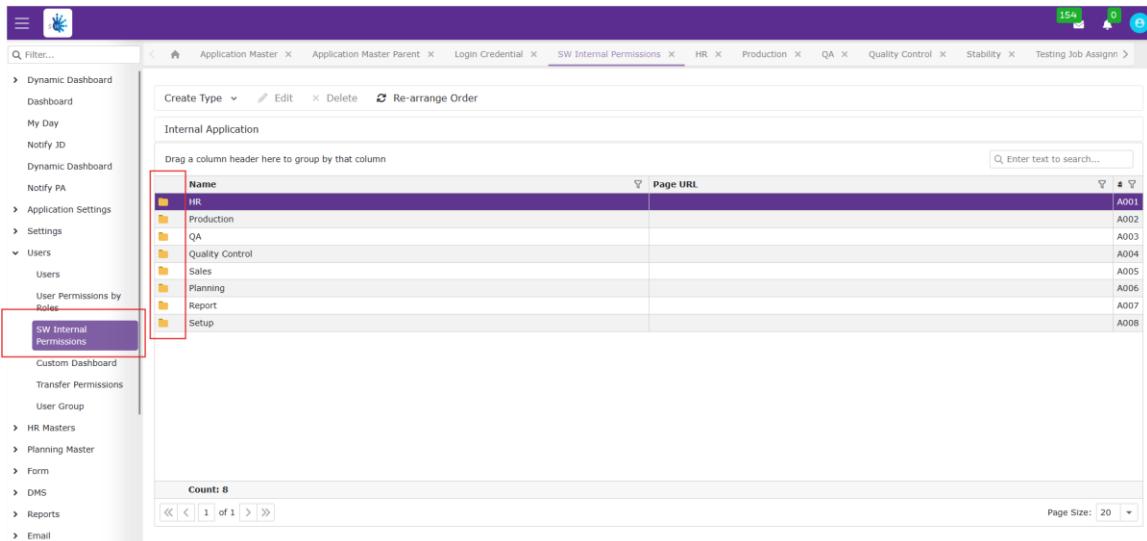


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## 4. Functional Components

- 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.

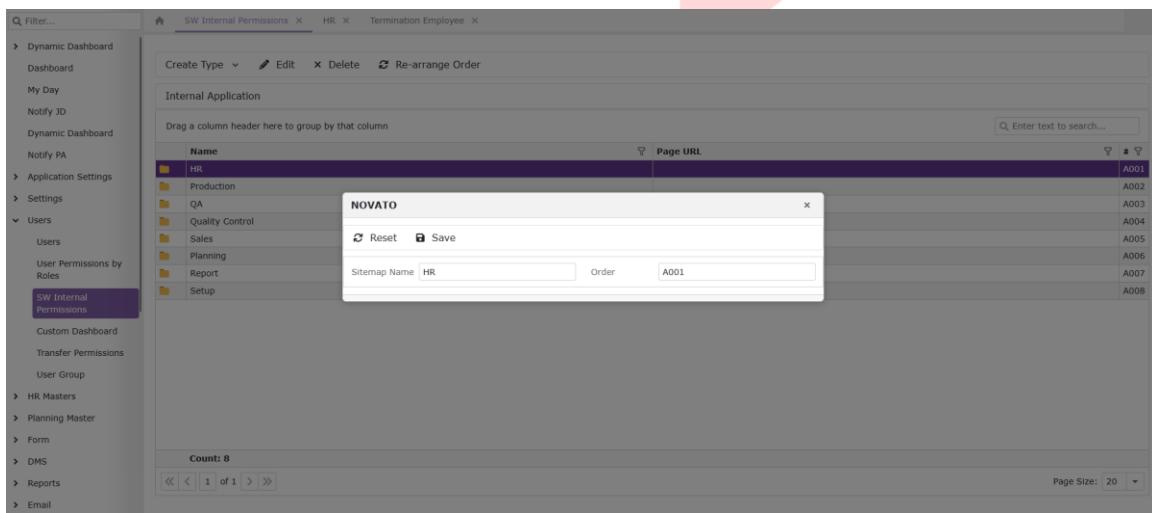
### 4.1 Internal Permissions Main View (UI)



The screenshot shows the main view of the Internal Permissions application. On the left is a sidebar with various menu items, one of which, "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:

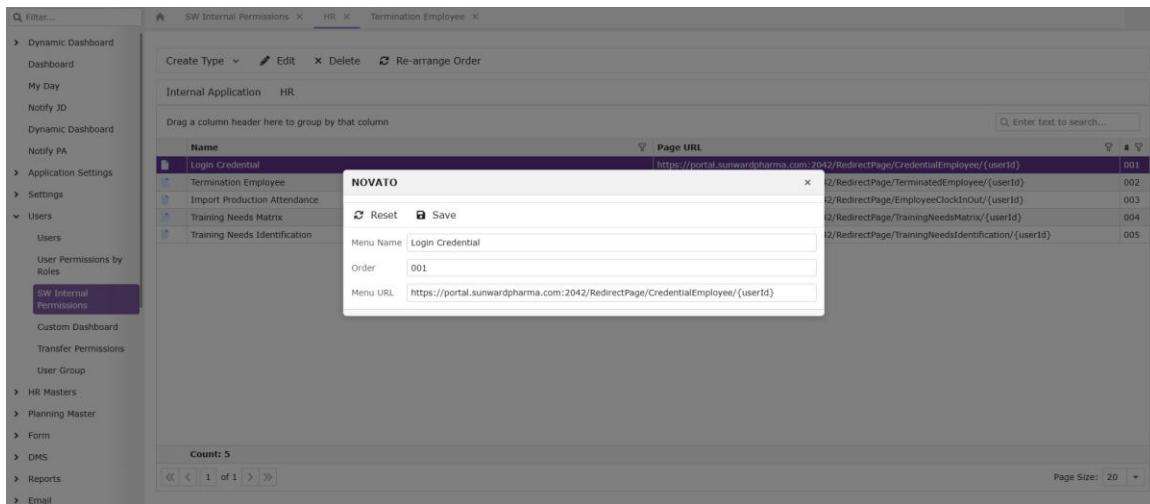
Name	Page URL
HR	A001
Production	A002
QA	A003
Quality Control	A004
Sales	A005
Planning	A006
Report	A007
Setup	A008

### 4.2 Add Sitemap Modal



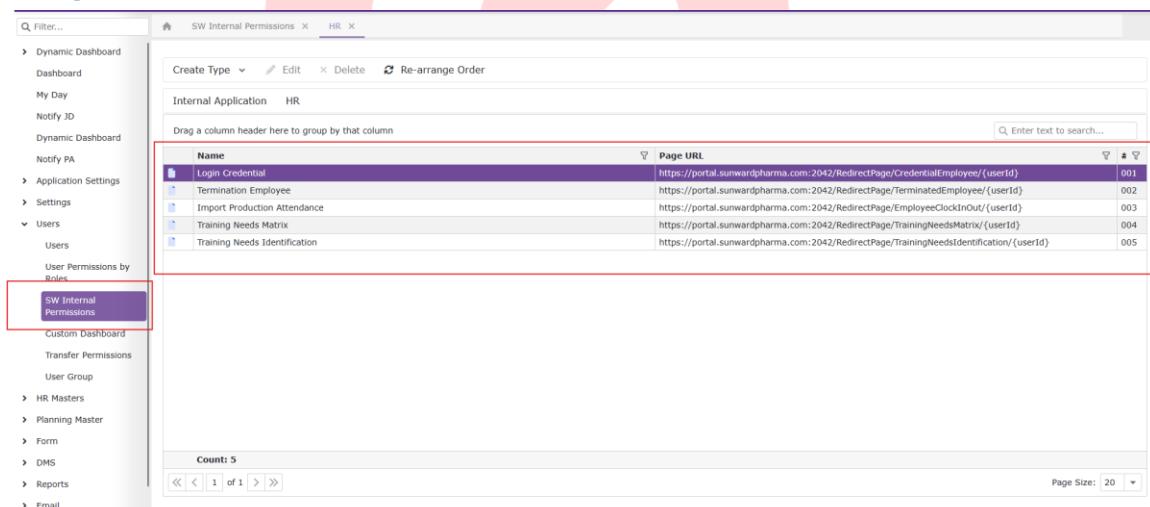
The screenshot shows the Internal Permissions application with a modal window open. The modal is titled "NOVATO" and contains two buttons: "Reset" and "Save". Below the buttons, there are input fields for "Sitemap Name" (set to "HR") and "Order" (set to "A001"). The background of the application shows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

## 4.3 Add Menu Modal



Name	Page URL
NOVATO	https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}
<input type="text" value="Login Credential"/>	<input type="text" value="https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}"/>
<input checked="" type="radio"/> Reset	<input type="radio"/> Save
Menu Name	Login Credential
Order	001
Menu URL	<input type="text" value="https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}"/>

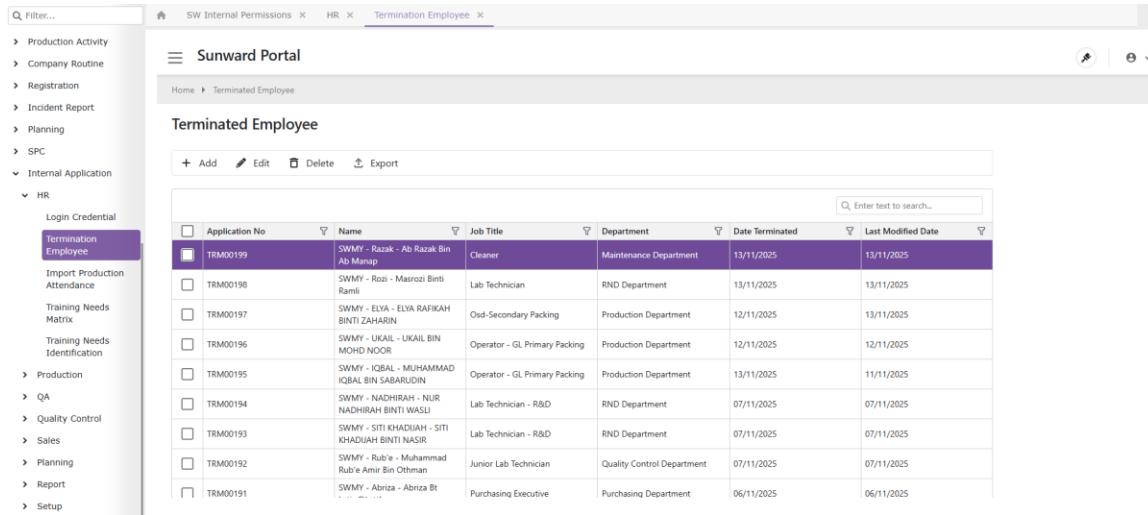
## 4.4 Menu Page URL List



Name	Page URL
NOVATO	https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}
<input checked="" type="checkbox"/> Login Credential	<input type="checkbox"/> https://portal.sunwardpharma.com:2042/RedirectPage/CredentialEmployee/{userId}
<input checked="" type="checkbox"/> Termination Employee	<input type="checkbox"/> https://portal.sunwardpharma.com:2042/RedirectPage/TerminatedEmployee/{userId}
<input checked="" type="checkbox"/> Import Production Attendance	<input type="checkbox"/> https://portal.sunwardpharma.com:2042/RedirectPage/EmployeeClockInOut/{userId}
<input checked="" type="checkbox"/> Training Needs Matrix	<input type="checkbox"/> https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsMatrix/{userId}
<input checked="" type="checkbox"/> Training Needs Identification	<input type="checkbox"/> https://portal.sunwardpharma.com:2042/RedirectPage/TrainingNeedsIdentification/{userId}

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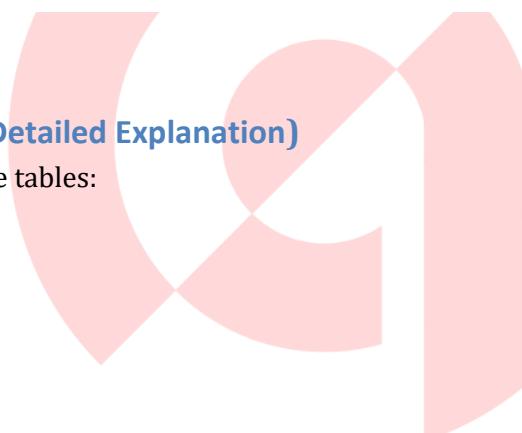
## 4.5 Iframe Load Page Example



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.

## 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

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## 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:

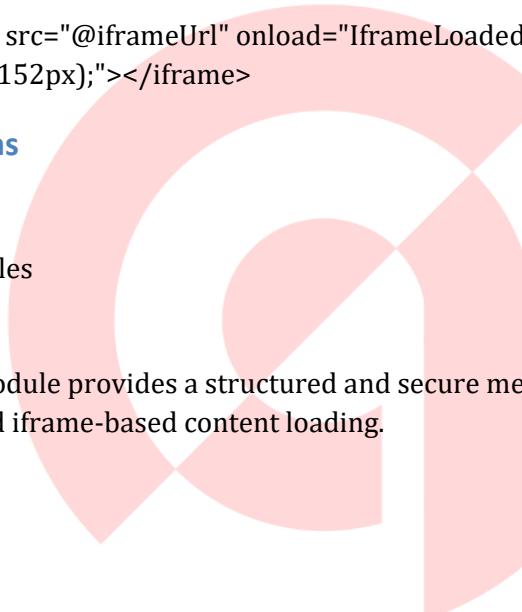
```
<iframe id="contentFrame" src="@iframeUrl" onload="IframeLoaded()" width="100%" style="height: calc(100vh - 152px);"></iframe>
```

## 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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