

Sunward Portal Management System

DOCUMENT INFORMATION

Prepared by	Appcentric Technologies
Client	Sunward
Project Name	Sunward Portal Management System
Prepared by	Sakthi Kumar
Module Name	Application Settings Module
Pages	6

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.

No part of this document may be copied, modified, distributed, or disclosed to any third party without prior written approval from Appcentric Technologies.

AppCentric
Technologies

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 Application Master Screen(UI)	4
4.2 Application Master Parent Screen	4
5. Database Structure (Detailed Explanation)	4
6. Business Logic	6
7. Summary	6



AppCentric
Technologies

1. Project Overview

The Application Settings module manages configurable master data used throughout the system, including Application Master and Application Master Parent. These masters support classification, grouping, and operational metadata essential for multiple functional modules.

2. Objectives

The primary objective of the Application Settings Module is to centralize and standardize system-wide master data, ensuring consistency, accuracy, and controlled access across all modules.

3. System Modules & Key Functions

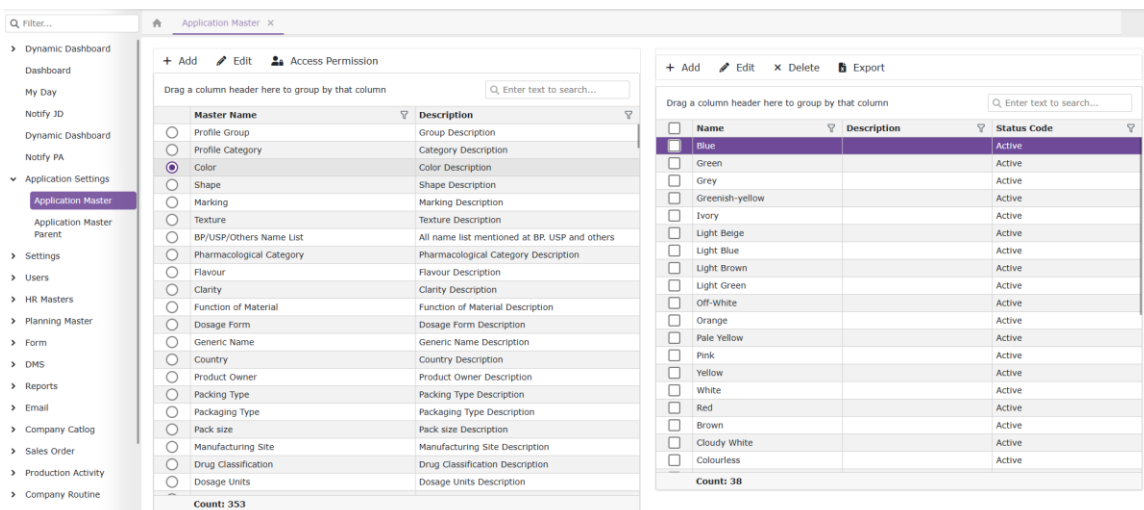
Module	Description	Key Users
Application Master	Stores category-level metadata	All Users
Application Master Parent	Stores sub-category items corresponding to each master.	All Users

AppCentric
Technologies

4. Functional Components

- Application Master: Allows users to view, add, edit, and manage master categories.
- Application Master Parent: Displays child items linked to selected master.
- Access Permission: Controls who can manage or update the master data.

4.1 Application Master Screen (UI)



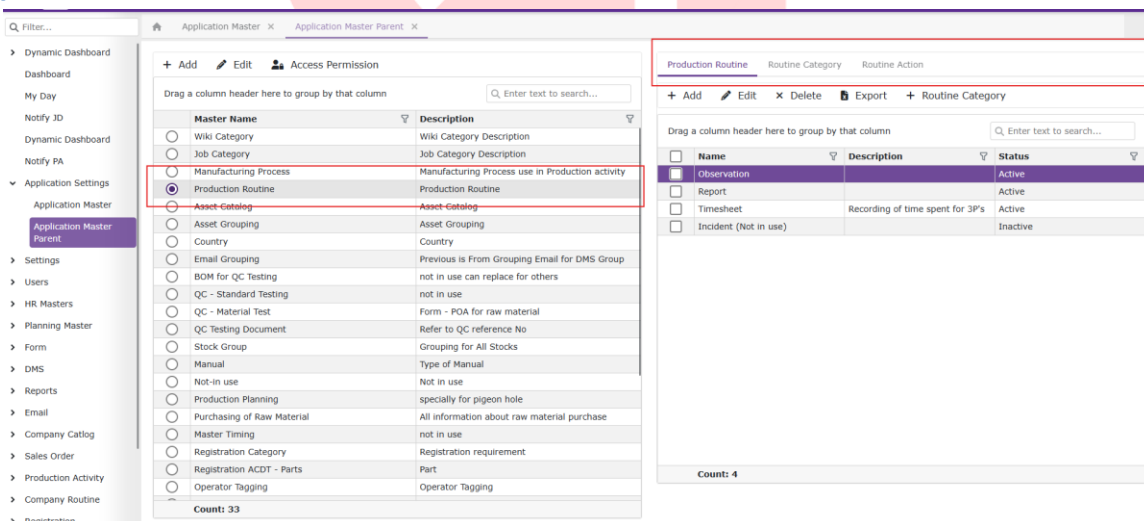
The screenshot displays the 'Application Master' screen. On the left is a sidebar with navigation options: Dynamic Dashboard, Dashboard, My Day, Notify JD, Dynamic Dashboard, Notify PA, Application Settings, Application Master (selected), Application Master Parent, Settings, Users, HR Masters, Planning Master, Form, DMS, Reports, Email, Company Catalog, Sales Order, Production Activity, Company Routine, and Registration. The main area shows a table of master categories with columns 'Master Name' and 'Description'. The 'Color' category is selected. Below the table, a 'Count: 353' is shown. On the right, a detailed view of the 'Color' category is shown, listing various colors and their status (Active).

Master Name	Description
<input type="radio"/> Profile Group	Group Description
<input type="radio"/> Profile Category	Category Description
<input checked="" type="radio"/> Color	Color Description
<input type="radio"/> Shape	Shape Description
<input type="radio"/> Marking	Marking Description
<input type="radio"/> Texture	Texture Description
<input type="radio"/> BP/USP/Others Name List	All name list mentioned at BP, USP and others
<input type="radio"/> Pharmacological Category	Pharmacological Category Description
<input type="radio"/> Flavour	Flavour Description
<input type="radio"/> Clarity	Clarity Description
<input type="radio"/> Function of Material	Function of Material Description
<input type="radio"/> Dosage Form	Dosage Form Description
<input type="radio"/> Generic Name	Generic Name Description
<input type="radio"/> Country	Country Description
<input type="radio"/> Product Owner	Product Owner Description
<input type="radio"/> Packing Type	Packing Type Description
<input type="radio"/> Packaging Type	Packaging Type Description
<input type="radio"/> Pack size	Pack size Description
<input type="radio"/> Manufacturing Site	Manufacturing Site Description
<input type="radio"/> Drug Classification	Drug Classification Description
<input type="radio"/> Dosage Units	Dosage Units Description

Name	Description	Status Code
<input checked="" type="checkbox"/> Blue		Active
<input type="checkbox"/> Green		Active
<input type="checkbox"/> Grey		Active
<input type="checkbox"/> Greenish-yellow		Active
<input type="checkbox"/> Ivory		Active
<input type="checkbox"/> Light Beige		Active
<input type="checkbox"/> Light Blue		Active
<input type="checkbox"/> Light Brown		Active
<input type="checkbox"/> Light Green		Active
<input type="checkbox"/> Off-White		Active
<input type="checkbox"/> Orange		Active
<input type="checkbox"/> Pale Yellow		Active
<input type="checkbox"/> Pink		Active
<input type="checkbox"/> Yellow		Active
<input type="checkbox"/> White		Active
<input type="checkbox"/> Red		Active
<input type="checkbox"/> Brown		Active
<input type="checkbox"/> Cloudy White		Active
<input type="checkbox"/> Colourless		Active

Count: 38

4.2 Application Master Parent Screen



The screenshot displays the 'Application Master Parent' screen. The sidebar is the same as in the previous screen. The main area shows a table of child items with columns 'Master Name' and 'Description'. The 'Production Routine' category is selected. Below the table, a 'Count: 33' is shown. On the right, a detailed view of the 'Production Routine' category is shown, listing various production routines and their status (Active or Inactive).

Master Name	Description
<input type="radio"/> Wiki Category	Wiki Category Description
<input type="radio"/> Job Category	Job Category Description
<input type="radio"/> Manufacturing Process	Manufacturing Process use in Production activity
<input checked="" type="radio"/> Production Routine	Production Routine
<input type="radio"/> Asset-Catalog	Asset-Catalog
<input type="radio"/> Asset Grouping	Asset Grouping
<input type="radio"/> Country	Country
<input type="radio"/> Email Grouping	Previous is From Grouping Email for DMS Group
<input type="radio"/> BOM for QC Testing	not in use can replace for others
<input type="radio"/> QC - Standard Testing	not in use
<input type="radio"/> QC - Material Test	Form - POA for raw material
<input type="radio"/> QC Testing Document	Refer to QC reference No
<input type="radio"/> Stock Group	Grouping for All Stocks
<input type="radio"/> Manual	Type of Manual
<input type="radio"/> Not-in use	Not in use
<input type="radio"/> Production Planning	specifically for pigeon hole
<input type="radio"/> Purchasing of Raw Material	All information about raw material purchase
<input type="radio"/> Master Timing	not in use
<input type="radio"/> Registration Category	Registration requirement
<input type="radio"/> Registration ACDT - Parts	Part
<input type="radio"/> Operator Tagging	Operator Tagging

Name	Description	Status
<input checked="" type="checkbox"/> Observation		Active
<input type="checkbox"/> Report		Active
<input type="checkbox"/> Timesheet	Recording of time spent for 3P's	Active
<input type="checkbox"/> Incident (Not in use)		Inactive

Count: 4

5. Database Structure (Detailed Explanation)

The Application Settings Module uses two core tables to maintain hierarchical master data:

1. Application Master
 - Stores top-level master categories.
 - Columns: ApplicationMasterID, ApplicationMasterName, Value ,Description, StatusCode.
2. Application Master Parent



6. Business Logic

- Selecting a master loads all corresponding parent items.
- Add/Edit/Delete actions update ApplicationMaster or ApplicationMasterParent tables.
- Access Permissions define which users can modify specific masters or parent items.
- StatusCode controls whether an item is active or inactive in system-wide dropdowns.

7. Summary

The Application Settings module centralizes and standardizes all master data used throughout the Sunward Portal Management System. It provides a structured mechanism for managing key classifications, operational parameters, and reference values that support various functional modules across the platform. By organizing data into **Application Master** (main categories) and **Application Master Parent** (sub-categories), the module ensures consistency, integrity, and ease of maintenance.

This module enables authorized users to add, edit, update, and deactivate master records while enforcing strict access permissions to maintain data accuracy and prevent unauthorized modifications. The interaction between the master and parent records ensures that all dependent modules—such as Production, QC, HR, and Sales—receive consistent and validated data without redundancy.

With its simple UI design, two-pane structure, and role-based controls, the Application Settings module streamlines master data administration and ensures that operational modules rely on a single source of truth. This maintains system-wide standardization, reduces operational errors, and enhances overall data governance across the organization.

AppCentric
Technologies