



PROPOSAL

PRODUCT DOCUMENT SYSTEM

Introduction

A product document system is an essential tool for any organization involved in the development of products. It is a centralized repository of documents that contain important information about a product, such as its design, features, specifications, and usage instructions. This system helps to ensure that all stakeholders have access to the same information and can work collaboratively to develop, test, and release products.

A product document system typically includes various types of documents, such as product requirements, technical specifications, user manuals, test plans, design documents, and release notes. These documents are created and maintained by various teams involved in the product development process, including product managers, designers, engineers, and quality assurance personnel.

The main objective of a product document system is to provide a single source of truth for all product-related information, enabling teams to collaborate effectively and ensure that everyone is working towards the same goals. This system also helps to ensure that products meet customer needs, are developed efficiently, and are delivered on time and within budget.

Implementing a product document system requires careful planning and management, including identifying the types of documents to be included, defining document ownership and approval processes, establishing document storage and access procedures, and ensuring that the system is regularly updated and maintained. However, the benefits of having a well-organized product document system can be significant, including improved productivity, better product quality, and greater customer satisfaction.

PROBLEM STATEMENT

One of the main challenges associated with a product document system is ensuring that all stakeholders have access to the right information at the right time. This can be particularly challenging in larger organizations where multiple teams are involved in product development, and different stakeholders may have different needs for product-related information.

Another common problem associated with product document systems is document version control. As documents are revised and updated throughout the product development process, it can be difficult to keep track of the most recent version, particularly if multiple teams are involved in document creation and management. This can lead to confusion and errors, which can ultimately impact product quality and delay the release of the product.

Another challenge is ensuring that product documents are accurate and up to date. As products evolve and new features are added, product documents must be revised to reflect these changes. However, in many cases, document updates may be overlooked or delayed, leading to inconsistencies between product documents and the actual product.

Finally, ensuring that product documents are accessible to all stakeholders can also be a challenge. Some stakeholders may need access to product documents on an ongoing basis, while others may only need access to specific documents at certain points in the product development process. Ensuring that documents are properly organized and accessible can be a significant challenge, particularly in larger organizations with complex product development processes.

OBJECTIVE

The primary objective of a product document system is to provide a centralized repository of documents that contains all the relevant information about a product, including its features, capabilities, design, specifications, and usage instructions. The system is designed to ensure that all stakeholders involved in the product development process have access to the same information and can collaborate effectively to develop, test, and release the product.

Some of the key objectives of a product document system include:

- **Facilitating collaboration:** A product document system helps to facilitate collaboration between different teams and stakeholders involved in the product development process. By providing a centralized repository of documents, all stakeholders can access the same information, reducing confusion and promoting collaboration.
- **Improving product quality:** A product document system helps to ensure that all stakeholders have access to accurate and up-to-date information about the product. This can help to improve product quality by reducing errors and ensuring that the product meets customer needs.
- **Enhancing efficiency:** By providing a single source of truth for product-related information, a product document system can help to improve efficiency and reduce the time required to develop, test, and release a product.
- **Ensuring compliance:** A product document system can help to ensure that products comply with relevant regulations and standards by providing a repository of documents that can be used to demonstrate compliance.
- **Supporting customer service:** A product document system can help to support customer service by providing users with accurate and up-to-date information about the product.

Overall, the objective of a product document system is to improve collaboration, efficiency, and product quality, while ensuring that products comply with relevant regulations and standards and meet the needs of customers.

MODULES

- Document management: This module allows for the creation, storage, revision control, and retrieval of product-related documents such as specifications, designs, test plans, user manuals, and release notes.
- Requirements management: This module allows for the capture, organization, and tracking of product requirements, including their status, priority, and relationships with other requirements.
- Change management: This module allows for the management of product changes, including their approval, tracking, and impact analysis on other product-related artifacts.
- Test management: This module allows for the planning, execution, and reporting of product tests, including their results, coverage, and defects.
- Release management: This module allows for the planning, coordination, and monitoring of product releases, including their schedules, milestones, and deliverables.
- Configuration management: This module allows for the management of product configurations, including their identification, control, and audit trails.
- Collaboration and communication: This module allows for the communication and collaboration between stakeholders involved in the product development process, including discussions, notifications, and feedback.

LANGUAGE

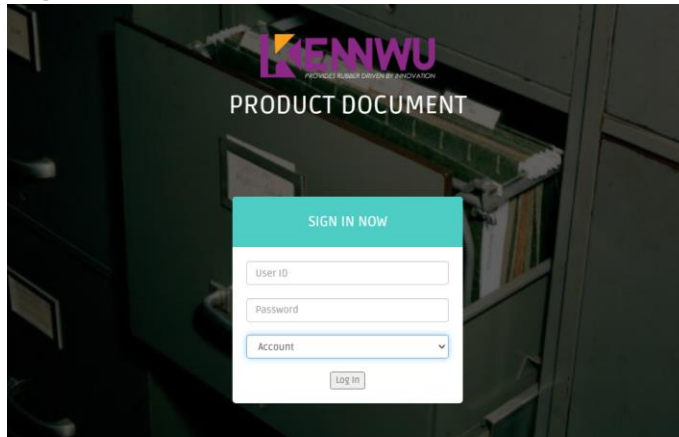
1. PHP
2. HTML
3. CSS
4. AJAX
5. MYSQL
6. BOOTSTRAP

STATUS

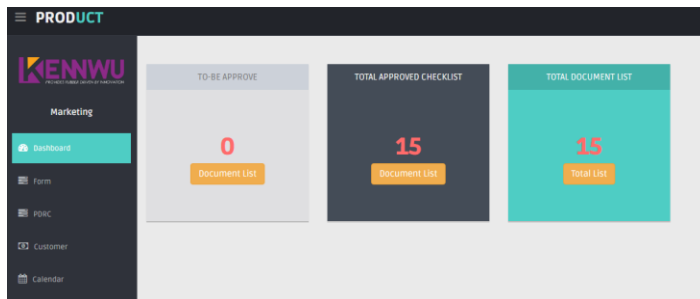
This project are still on-going, and will add some new features in the system.

INTERFACE

1. Login for 'roles'



2. Dashboard



3. Product Form

A screenshot of a web application form titled 'PRODUCT' with a 'Report' button in the top right corner. The form is titled '> Product Document' and contains a section for 'Product Development Review Checklist'. The form fields are organized as follows: 'Customer Code' and 'Date' (with a date picker set to 'mm/dd/yyyy'); 'Part Code' and 'Process'; 'Sub Part' with three sub-fields labeled 'Sub Part 1', 'Sub Part 2', and 'Sub Part 3'; 'Revision' and 'Status' (with radio buttons for 'ACTIVE' and 'OBSOLETE'); 'Part Application' and 'Part No'; 'Part Description'; and 'Part Vol./weight' with two sub-fields labeled 'cm' and 'gram/pcs'.

4. Tooling Form

PRODUCT Logout

KENWU
KEMERSON ENERGY NETWORKS

Marketing

- Dashboard
- Form**
- Product
- Tooling
- PDRC
- Customer
- Calendar

> Tooling Document

> Details of Tool Design

Tool Code

Tool Maker

Tool Status ☐ Production ☐ Prototype

Status ☒ **ACTIVE** ☐ **OBSOLETE**

Tool Design

Cavity

No plate of tool

5. PDRC Product List with REVISION

PRODUCT Logout

KENWU
KEMERSON ENERGY NETWORKS

Marketing

- Dashboard
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- Product List**
- Tooling List
- PDRC
- Customer
- Calendar

> Document Checklist

Search document..

> Table

★ ID	🔍 Customer Code	🔍 Part Code	🔍 Status	🔍 Action
1	QSMAT	QSO98_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
2	FTCLEN	KN111_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
3	FTCLEN	KN112_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
4	TEK	T03A_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
5	DORMA	DK024_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
6	DORMA	DK025_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
11	DORMA	DK026_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
12	DORMA	DK027_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️
13	DORMA	DK028_REV_0	ACTIVE	✎ 📄 📅 🔍 🗑️

6. PDRC Tooling List

PRODUCT Logout

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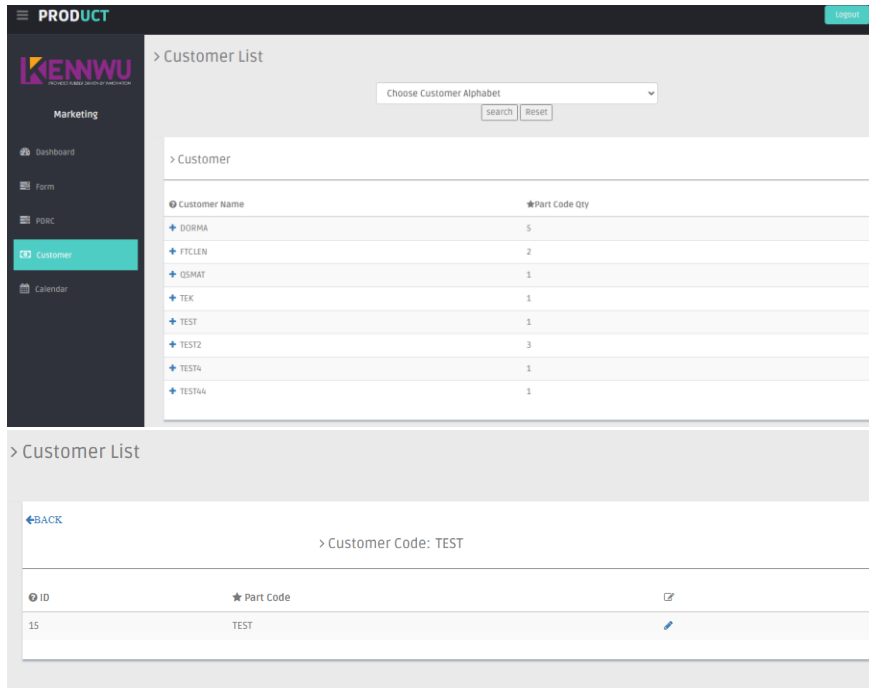
> Tooling List

Search document..

> Tooling

★ ID	🔍 Tooling Code	🔍 Status	🔍 Action
1	test1	ACTIVE	✎ 📄 🗑️
4	T03A_T1	ACTIVE	✎ 📄 🗑️

7. List Of Customer

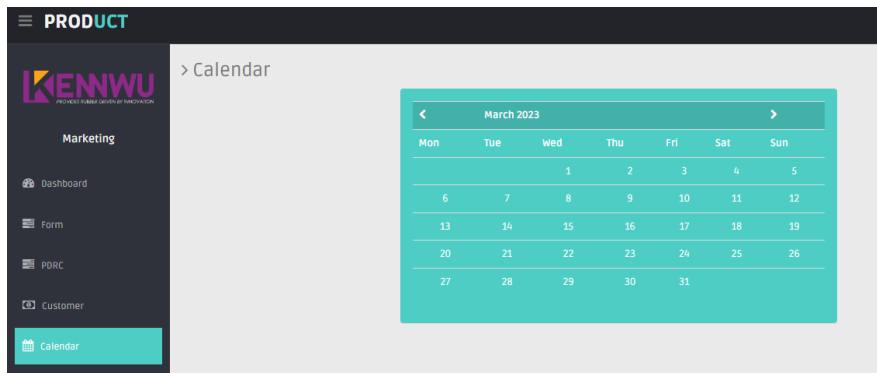


The screenshot displays the 'Customer List' interface. At the top, there's a search bar labeled 'Choose Customer Alphabet' with 'search' and 'Reset' buttons. Below this is a table with the following data:

Customer Name	Part Code Qty
DORMA	5
FTCLEN	2
QSMAT	1
TEK	1
TEST	1
TEST2	3
TEST4	1
TEST44	1

Below the main list, there's a section for 'Customer Code: TEST' showing a detailed view of a specific customer with ID 15 and Part Code TEST.

8. Calendar




The screenshot shows the 'Calendar' interface for March 2023. The calendar is displayed in a table format with the following dates:

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

9. Uploading/Download/View files in different files type

PRODUCT


KENWU
KEMERSON ENERGY NETWORKS

Marketing

Dashboard

Form

PDRC

Customer

Calendar

Upload DFM

[←BACK](#)

> Tool Code: T034_T1





Filename

Choose File | No file chosen

File type: **.ZIP only**

SUBMIT

>DFM Files

id	★ Tool Code	File Name	File	✔ Status	✔ Action	Date
3	T034_T1		0146020008A2 AIR RELEASE PLUG_DFM.zip	ACTIVE	 	2022-12-23
5	T034_T1		download2.zip	ACTIVE	 	2022-12-23