



# **TOOL MANAGEMENT SYSTEM (TMS)**

# Project Overview

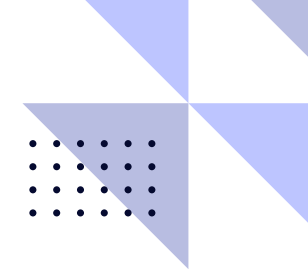


**The Tool Management System (TMS) is an application designed for all tool rooms within the Maintenance Department. It facilitates the control and management of tools, special equipment, portable devices, and consumables to effectively support the department's operations.**



## ABOUT US

- Simpana Technologies is all about excellence, passion and flexibility. We have offered world class services in IT consulting, offshore software development, testing and user interface design.
- We work on diverse projects ranging from simple information systems and websites to complex enterprise type architectures, desktop or web-enabled applications, traditional n-tier and service oriented architectures. We follow three main rules to get to our goals: do it on-time, do it within scope and offer the best services.

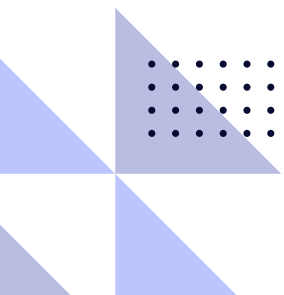


## OUR MISSION

Our mission combines work and talent. We seek to achieve extraordinary results by helping our clients make distinctive improvements. How do we do it? By leveraging best-of-breed technology and building a great company that is profitable and appeals to, helps develop and retains exceptional people.

Our passion for what we do led us here. Our vision guides our business every day to provide one of the best IT consulting and software development services while taking care of our people and honoring our values.

## OUR VISION



# Introduction



## **Uniform Information Organization**

- Efficiently organizes and integrates plant tools information for streamlined operations.



## **Tool Catalog Management**

- Stores and manages the complete tool catalog in a centralized database via the tool management system.



## **Production-Specific Focus**

- Tailored to focus on production-specific data, distinct from broader management systems.



## **Spare Parts Management**

- Handles spare parts used in production, ensuring proper tracking and data management.

# Scope

## Item Identification and Classification

Streamlines tool management with accurate identification and classification of tools for efficient tracking and usage.



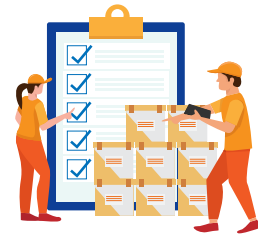
## Borrowing & retrieving system

Facilitates efficient borrowing and retrieval of tools, ensuring easy access and return management.



## Tool tracking, manage and distribution

Optimizes tool tracking, manages inventory, and streamlines distribution for effective utilization and control.



## New Item requisition

Streamlines the process for requesting and acquiring new tools or items, ensuring timely procurement and inventory updates.





## Management of inspection and calibration.

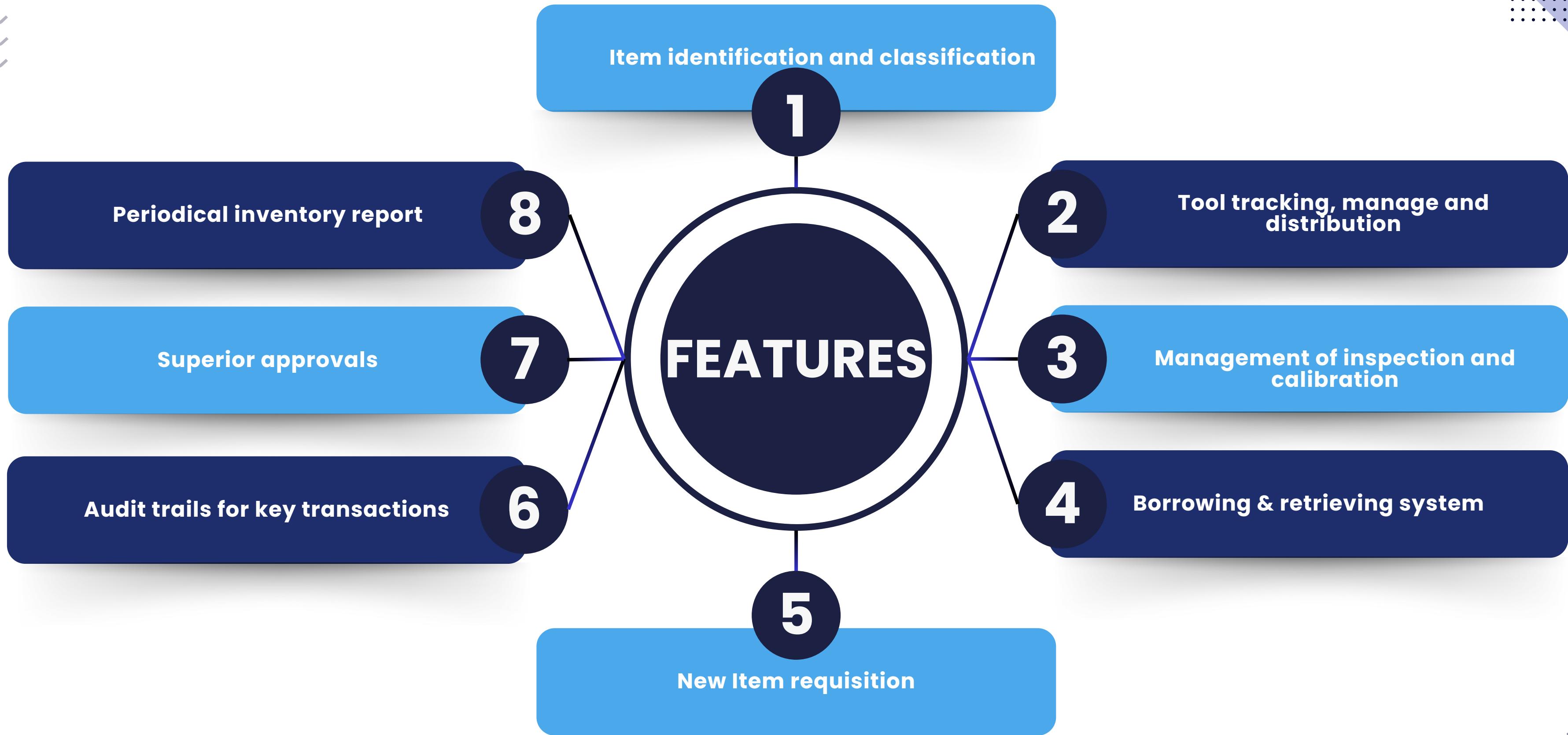
Ensures systematic inspection and calibration of tools for maintaining accuracy and reliability.





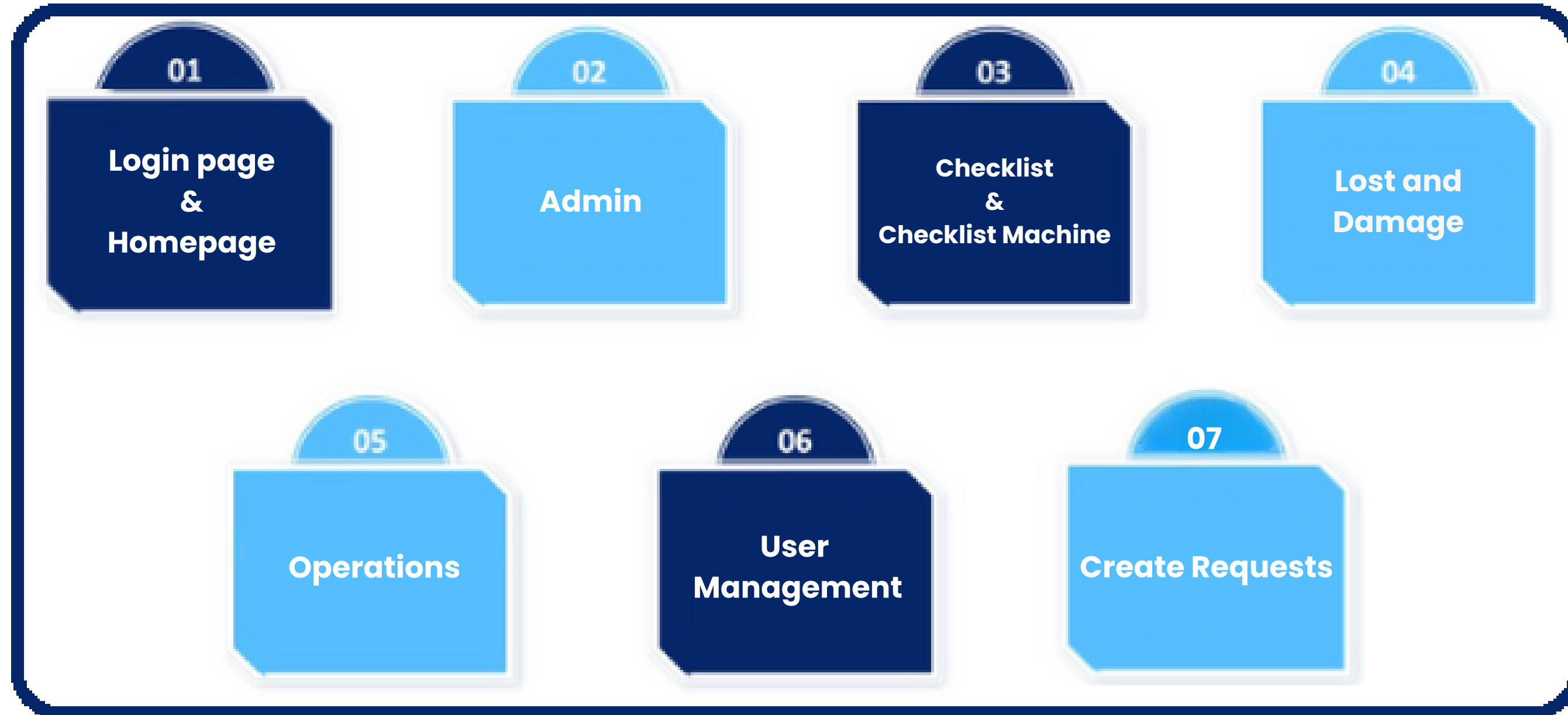
# About TMS

- **Manages Tool Operations**
  - **Enhances and Optimizes Tool Management**
  - **Ensures Efficient Tool Tracking and Distribution**
  - **Enhances Tool Data Accuracy and Visibility**
  - **Streamlines Tool Management Processes**
- 
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# Modules



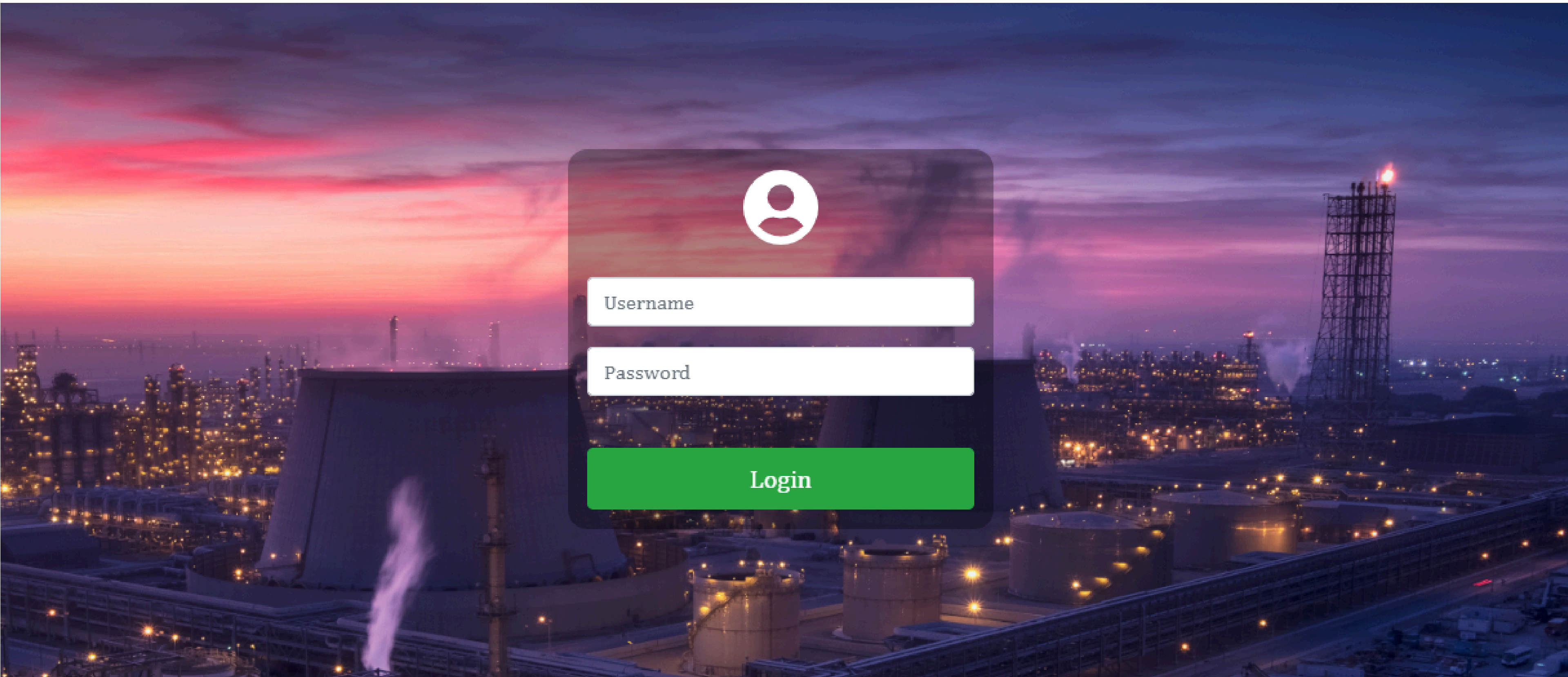
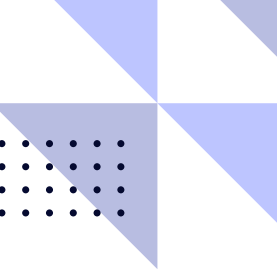


# SCREENSHOTS





# Login page



Username

Password

Login

# Homepage



Tools Management System

admin 

Admin

Tool Operation

Tool Request

Lost&Damage

Parameter

Printer

Power Tools Checklist

Hydro Jetting Checklist

Machine Checklist




# Admin

Admin can perform the following operations:

- View Tools
- Request New Tools
- Add and Update Tool Information
- View All Tools Details

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Tools Management System

admin 

Admin

Tool Operation

Tool Request

Lost&Damage

Parameter

Printer

Power Tools Checklist








Hydro Jetting Checklist

Machine Checklist

Home / Tools Catagory List

[Add New Tool Catagory](#) Total data 30

Previous Page 1 of 3 10 rows Next

Category Name	Description	View Tools
POWERTOOLS	HANDTOOLS	
CABINET & CANTILIVER	CABINET & CANTILIVER	
SOCKET & IMPACT SOCKET	SOCKET & IMPACT SOCKET	
WRENCHES	WRENCHES	
DRIVE ,ADAPTOR , JOINTS AND DRIVE	DRIVE ,ADAPTOR , JOINTS AND DRIVE	
BENDER	BENDER	
HACKSAW & SAW BLADE	HACKSAW & SAW BLADE	

# Add New Tools



Admin	Users
Tool Operation	Roles
Tool Request	Tool Category
Lost&Damage	Change Password
Parameter	<b>Add Tool</b>
Printer	Tool Size List
Power Tools Checklist	Tool Name List
Hydro Jetting Checklist	Checklist Masterdata
Machine Checklist	Add Technician
	Manager

New Tool List / Add New Tools

## Add New Tools

Tools Catagory\*

----Select Catagory----

Tool Name\*

---Sub Catagory---

Tool Size\*

---Size---

SAP No\*

Unit\*

--select Unit--

Catalog No

Quantity\*

Section\*

---Select Secion---

Specification

Supplier Info

Reset

Submit


# Checklist

## (Navigation & Create)

There will be a checklist for each tool containing the information about the tools whether they are in good condition or not.

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### Periodical Checklist for Hand & Portable Power Tools

SKIMS/SHEM-FM-08.07/02  
Date:2024-08-30  
Rev:01

(Include Hammers, Screw Drivers, Pliers & Cutters, Wrenches, Files, Chisels, Hack Saws, Electric Drills Grinding wheels, Soldering Iron, Pneumatic Impact Tools)

Home / Power Tools Checklist / Perform Power Tools checklist

Tool\*

SR.No	Description	Yes	No	Not Applicable
1	Storage location or Tools is easily identifiable & appropriate (in Central/Satellite Tool Rooms)	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
2	Tool belt are available & provided to carry small & light weight tools.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
3	Bags or tools boxes are available & provided for carrying heavier or cumbersome tools.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
4	Grounding provision or double insulation cable is provided for electric operated tools.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
5	Does 110v electric power tools to be used in confined spaces have individual GFCI (Ground Fault Circuit Brea...	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
6	Does the procedure for de-contamination & inspection of tools followed is required.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A

# Lost and Damage

- This lost and damage form will give the report of all the tools lost or damaged by the borrowers.
- This is the form to report lost and damaged tools .Here all the information will be inserted such as borrowers name,id no., etc.who had lost /damaged the tools.

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Home / Lost & Damage Tool List Total data 65

Previous Page 1 of 7 10 rows Next

Employee ID	Employee Name	Department	Lost or Damage	Lost and damage Date	Generate PDF
674	Abdulelah	CWS	Lost	2020-12-05	<a href="#">print</a>
30013633	Alejandro Adaptar	Speciality Maintenance De...	Lost	2021-07-12	<a href="#">print</a>
30017218	RUDY DAPOC	Speciality Maintenance De...	Damage	2021-07-12	<a href="#">print</a>
30017429	JESSIE LUSANTA	Speciality Maintenance De...	Damage	2021-07-12	<a href="#">print</a>
30013636	FREDDIE ENDONELA	Speciality Maintenance De...	Damage	2021-07-12	<a href="#">print</a>
77694	Muhammad Al Shamri		Lost	2020-12-29	<a href="#">print</a>
30003333	Berba Alex	Speciality Maintenance De...	Damage	2021-01-11	<a href="#">print</a>
30017218	RUDY DAPOC	Speciality Maintenance De...	Damage	2021-03-21	<a href="#">print</a>
30013636	FREDDIE ENDONELA	Speciality Maintenance De...	Damage	2021-03-21	<a href="#">print</a>
1036999	Nouman zafar	Speciality Maintenance De...	Damage	2022-04-12	<a href="#">print</a>



# Operations

- This will contain all the information regarding the borrowers.
- Borrowers can request for a new tool and return the existing tool.
- There are 4 options:
  - Borrowing, Returning, and Summary of all the borrowers.

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Home / Lost & Damage Tool List

Total data 65

Previous Page 1 of 7 10 rows Next

Employee ID	Employee Name	Department	Lost or Damage	Lost and damage Date	Generate PDF
674	Abdulah	CWS	Lost	2020-12-05	print
30013633	Alejandro Adaptar	Speciality Maintenance De...	Lost	2021-07-12	print
30017218	RUDY DAPOC	Speciality Maintenance De...	Damage	2021-07-12	print
30017429	JESSIE LUSANTA	Speciality Maintenance De...	Damage	2021-07-12	print
30013636	FREDDIE ENDONELA	Speciality Maintenance De...	Damage	2021-07-12	print
77694	Muhammad Al Shamri		Lost	2020-12-29	print
30003333	Berba Alex	Speciality Maintenance De...	Damage	2021-01-11	print
30017218	RUDY DAPOC	Speciality Maintenance De...	Damage	2021-03-21	print
30013636	FREDDIE ENDONELA	Speciality Maintenance De...	Damage	2021-03-21	print

# User Management

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Home / Employee List

[Add New Employee](#) Total data : 4

Previous Page 1 of 1 10 rows Next

Employee ID	Employee Name	Supervisor Name	Department	Section	Edit	Delete
123						
1231323	JEFFRET VIRAY	WASIF KHAN	Speciality Maintenanc...	SAM		
12345	Mario Elliott	Thabit Al Aoudah	Speciality Maintenanc...	CWS		
12344	Markus Elliott	Thabit Al Aoudah	Speciality Maintenanc...	CWS		
123	KAIF	JOHN	Speciality Maintenanc...	CWS		

Previous Page 1 of 1 10 rows Next

- Add New Employee

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Home / Manager List

[Add New Manager](#) Total data : 3

Employee ID	Manager Name	Department	Section	Edit	Delete
ROCK	ROCK	Speciality Maintenance De...	PAM		
Qahtani123	Qahtani Al	Speciality Maintenance De...	CWS		
Mulfi123	Mulfi Salem	Speciality Maintenance De...	CWS		

Previous Page 1 of 1 10 rows Next

- Add New Manager

# Operations

## (Borrow & Return)

- Now borrower can return any tool after clicking return button, a new form will appear to return the tool.

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Home / Borrow & Return Tool List

[Tools Borrow Form](#) Total data 2207

Previous Page 1 of 221 10 rows Next

Employee ID	Employee Name	Due Date	Remarks	Return Tool	Update Borrower	Generate PDF
30017218	RUDY DAPOC	2021-06-07	Short Term	CLOSED	Edit	print
39596	RANA IMRAN	2021-04-03	Short Term	CLOSED	Edit	print
79462	Fahad Saeed Saadi Asiri	2021-04-03	Short Term	CLOSED	Edit	print
30013636	FREDDIE ENDONELA	2021-04-03	Short Term	CLOSED	Edit	print
1036999	Nouman zafar	2021-04-03	Short Term	CLOSED	Edit	print
GILL	GILLBERTO	2021-04-03	ISSUING TOOLS	CLOSED	Edit	print
863533	Nouman Khalid	2021-04-04	Short Term	CLOSED	Edit	print
30380762	Basil S Andijani	2021-04-05	Short Term	CLOSED	Edit	print
30013637	Maqsood Mapari	2021-04-05	Short Term	CLOSED	Edit	print
79409	ABDULLH AL-JOHANI	2021-04-07	Short Term	CLOSED	Edit	print

# Checklist Machine

- This checklist contains the information about the machines.

كيان السعودية **saudi kayan** Checklist for High Pressure Hydro Jetting SKIMS/SHEM-FM-08.07/02  
Date:2024-08-30 Rev:01

Home / Hydro Jetting Tools Checklist / Perform Hydro Jetting Tools checklist

Tool\*

SR No	Description	Yes	No	Not Applicable
1	List of Trining persons for HPWJ is available.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
2	List of Helpers/Buddies is available for HPWJ	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
3	Long /Full waterproof coat made of leather / PVC or other Water resistance material are available.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
4	Water Proof Gloves made of leather/PVC or other water resistance material of sufficient mechanical strength ...	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
5	Gum boot or boots for protection against high-pressure water jet at the front side, the inside and at the heel ...	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
6	Face shield for operating crew and workers within < 6 meters radius are available.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
7	High pressure hose do not have kinks, cuts or chapping on outer rubber.	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
8	Hoses have pressure rating engraved on its couplings. High pressure hoses are pressure tested, once every ye	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A



**Thank you!**  
*Do you have any questions?*

