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Asset Management System

Automation. Innovation. Productivity.



ASSET TRACKING AND MANAGEMENT SYSTEM

AUTOMATION. INNOVATION. PRODUCTIVITY.

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ASSET TRACKING AND MANAGEMENT SYSTEM

KennyKee Technologies's Asset Tracking And Management System (AMS) offers comprehensive information flow control and asset tracking functionalities for businesses with the needs to track assets with value and continuous maintenance tracking.

SYSTEM OVERVIEW

- ✚ **AMS** offers asset tracking capabilities ranging from discrepancy checking, asset loan, transfer, report generation, integration with portable scanner hardware and 3rd-party system to security feature such as audit trail.
- ✚ On top of that, we emphasized heavily on the system security and access control. Our access matrix and audit trail features give you total fine-grained control and monitoring capabilities.
- ✚ The architecture designs are strongly customer driven and built for productivity in mind. We understand that every customer is unique. That is why we perform extensive requirement analysis with our customers and ensure every single function delivered fits their operation precisely.

PRODUCTIVITY AND AUTOMATION

- ✚ With the combination of hardware scanner and system-controlled process flow, **AMS** aims to improve operation productivity, information flow, communication, automate repetitive and manual tasks. It also intended to reduce the reliance on paper printout, human error, and communication overhead.

DESIGNED FOR INDUSTRIES

- Maintenance Services Companies.
- Manufacturing, Retails and Hospitality.
- Factory With Hardware, Tools, Parts and Machinery Equipment.
- Maritime Industry.
- Automotive and Electronics Industries.
- Transportation and Logistics.

FEATURES

1) ASSET MASTER LIST

Allow user to create assets, download asset depreciation report and print label sticker.

Asset ID	Name	Location	Unit Price	Category	Supplier	Invoice	Status
000011	Portable Generator Power Supply Station 155Wh Emergency Backup Lithium Battery	Store (Qty: 1)	SS\$125.00 ▼ \$50.21 (1%)	Hardware	Amanda	2212356A 17-Dec-2019	Available
000013	Lithium-Ion Aspirator Blower CABLI2001	Store (Qty: 2)	SS\$50.00 ▼ \$50.17 (1%)	Hardware	Ingco	10202001 17-Dec-2019	Available
000014	Welding Machine, Arcury 120 SAY-120	Store (Qty: 1)	SS\$1299.00 ▼ \$54.29 (1%)	Hardware	Suzuki	50062001 17-Dec-2019	Available
000016	Bosch GAS 12V-Li Cordless Vacuum	Store (Qty: 5)	SS\$105.00 ▼ \$0.35 (1%)	Hardware	Bosch	10002002 17-Dec-2019	Available
000012	Mini Compact Drill Wood Drilling Machine	Store (Qty: 1)	SS\$100.00 ▼ \$0.77 (1%)	Hardware	OEM	10002001 9-Dec-2019	Available
000015	Power Electric Coaxial Wire Stripping	Store	SS\$950.82	Hardware	Power Tools	1212356A	Available

Figure 1: Asset master list page.

2) DISCREPANCY CHECKING

Allow user to do continuous stock take for valuable assets using handheld terminal and perform discrepancy checking for assets.

No	Last Check Date	Asset	Actual Quantity	Tracked Quantity	Status
1	No Scan Record	Portable Generator Power Supply Station 155Wh Emergency Backup Lithium Battery ID: 000011 Available	1	0	1 Unit(s) Missing 0 Unit(s) Loaned Out
2	No Scan Record	Mini Compact Drill Wood Drilling Machine ID: 000012 Available	1	0	1 Unit(s) Missing 0 Unit(s) Loaned Out
3	No Scan Record	Lithium-Ion Aspirator Blower CABLI2001 ID: 000013 Available	2	0	2 Unit(s) Missing 0 Unit(s) Loaned Out

Figure 2: Discrepancy checking page.

3) ASSET LOAN

User will be able loan out asset to external party or companies. This feature includes loan form generation and reporting.

Loan Date	Asset	Quantity Loaned	Expected Return	Loan To	Approver	Remarks
23 December 2019 12:26 am	[SBA1236A] Toyota Corolla Sedan 2010 ID: 000006 On Loan From: Garage	1	31 December 2019 12:26 am	Borrower: John Company: John Private Hire Pte Ltd	Approver: Jenny Recorded By: Admin	Loan Return Asset Download Loan Form

Figure 3: Asset loan page.

4) ASSET WRITE OFF

Allow user to write off damaged or expired asset. Written off asset will be tracked and allows multiple levels of approval.

Status	Write Off Date	Asset	Type	Quantity	Location	User	Remarks
Pending Approval	Request Date: 23 December 2019 12:37 pm Approved Date: -	Bosch GAS 12V-Li Cordless Vacuum ID: 000016 Available	Complete removal	1	Electrical Store	Requester: Admin Approvers: Jenny Finance Escalate To: SuperAdmin	Machine spoilt and replaced.

Figure 4: Asset write off page.

5) ASSET TRANSFER

User will be able to transfer asset between department and location.

Transfer Date	Asset	Transfer Type	Quantity	Origin	Destination	Transferred By User	Remarks
23 December 2019 1:36 pm	Flip Counter Portable Lightbox Display Counter ID: 000004 ✓ Available	Department ⇄ Department	1	Event and Exhibition Event Hall	Event and Exhibition Store	Admin	Storekeeping

Figure 5: Asset transfer page.

6) DEPARTMENT AND LOCATION

Department and location are the foundations for keeping track of assets.

No	Department Name	Update	Delete
1	Electrical	Update	Delete
2	Event and Exhibition	Update	Delete
3	Furniture	Update	Delete
4	Gym	Update	Delete
5	IT Equipment	Update	Delete
6	Sensors Devices	Update	Delete
7	Tractor and Heavy Equipment	Update	Delete

Figure 6: Department and location page.

7) NOTIFICATION

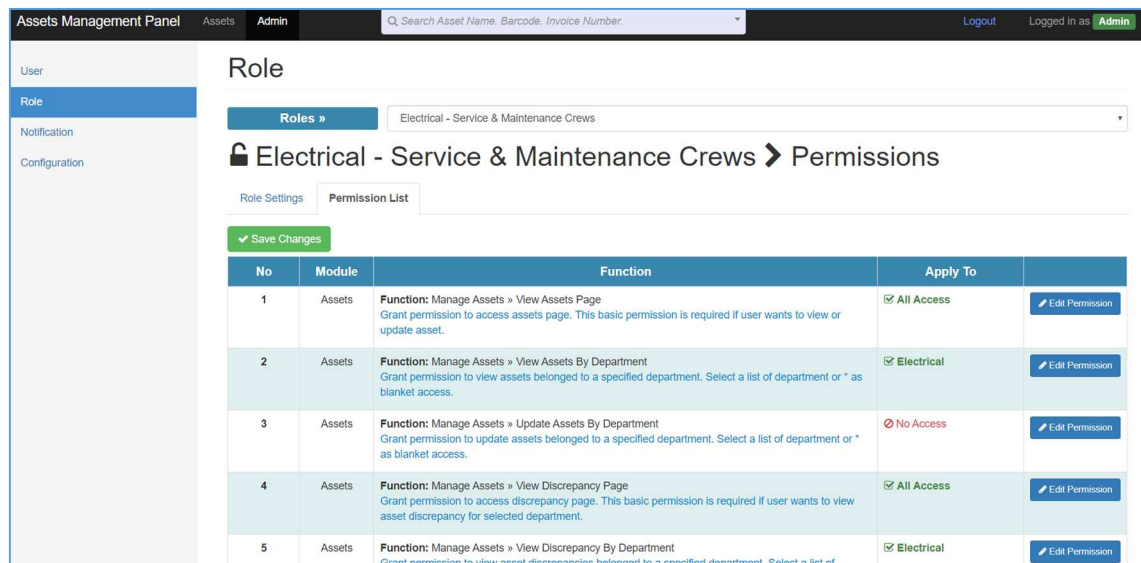
Send notification to recipients for write off request and maintenance alert.

No	Email	Delete
1	engineer@company.com	Delete
2	maintenance.team@company.com	Delete

Figure 7: Notification page.

8) USER AND ACCESS CONTROL

Fine grained access matrix to control read, add, update and delete operation for every individual function, user, role, and department in **AMS**.



No	Module	Function	Apply To	Edit Permission
1	Assets	Function: Manage Assets » View Assets Page Grant permission to access assets page. This basic permission is required if user wants to view or update asset.	✓ All Access	Edit Permission
2	Assets	Function: Manage Assets » View Assets By Department Grant permission to view assets belonged to a specified department. Select a list of department or * as blanket access.	✓ Electrical	Edit Permission
3	Assets	Function: Manage Assets » Update Assets By Department Grant permission to update assets belonged to a specified department. Select a list of department or * as blanket access.	✗ No Access	Edit Permission
4	Assets	Function: Manage Assets » View Discrepancy Page Grant permission to access discrepancy page. This basic permission is required if user wants to view asset discrepancy for selected department.	✓ All Access	Edit Permission
5	Assets	Function: Manage Assets » View Discrepancy By Department Grant permission to view asset discrepancies belonged to a specified department. Select a list of	✓ Electrical	Edit Permission


Figure 8: User and access control page.

9) JOB SCHEDULER

Job scheduler checks for assets due for maintenance.

10) ANDROID MOBILE AND TABLET APPLICATION

Allow user to record asset quantity during stock take and view asset info with Android handheld scanner.

 **Getting Started For Small Businesses:** For businesses looking to get started with minimal cost, we offer cost effective progressive web app (PWA) as the mobile application. PWA allows user to use its own Android or IOS mobile phone to perform asset tracking and management task. Portable and rugged handheld devices will be optional.

HARDWARE DEVICES

AMS supports barcode, QR code scanning, RFID scanning and label printing functionalities for both Zebra and Honeywell devices. Our server, desktop client and android application are especially developed to fully utilize the capabilities of these devices. These include Zebra ZT510, TC51, ZD500, TC25, Honeywell RP series, CT60, CN80, PM42 and many more.



Figure 9: Barcode scanner, QR code scanner and label printer

AWS CLOUD HOSTING

AMS is cloud ready. The core components include web, database, web API, and file storage can run in AWS EC2 Windows or Linux. We help our customers to deploy application in customers owned cloud servers. We also offer cost effective SAAS subscription model where customers can access and use the application hosted in our AWS cloud server. Rest assured that your own application instance runs in an isolated container and your instance data is kept secured.

LONG TERM SUPPORT

We understand our customers' needs for continuous support and the needs to improve with time. That is why being adaptive to new technologies and readiness for future improvement are our core business principle. We give assurance to our customers that we will provide full support and maintenance to all of our products and solutions delivered.

CONTACT US

Contact us for a live demo now!

Email: sales@kennykee.com.sg

Visit www.kennykee.com.sg for more info.

Opening Hours: Monday-Friday 9am-6pm.