# ZANZIBAR GOVERNMENT ASSET MANAGEMENT INFORMATION SYSTEM (ZGAMIS)

#### **User Manual**

Owner: Treasury Registrar Office (TRO), ICT Unit Prepared by: ZGAMIS Implementation Team

Version: 1.0.0

Date: September 25, 2025

#### 1. Introduction

#### 1.1 Purpose

This User Manual provides step-by-step guidance to operate ZGAMIS across the entire asset lifecycle: registration, verification, adjustment, transfer, valuation, maintenance, disposal, accounting linkage, reporting, and administration.

#### 1.2 Scope

Covers day-to-day usage by officers at **Branch**, **Institution HQ**, and **Treasury Registrar HQ**, plus ICT administrators.

#### 1.3 Audience

- **Branch Officers** register, verify, initiate transfers/maintenance/disposal.
- Institution HQ Officers review/approve branch submissions, monitor registers.
- Treasury Registrar (TR HQ) final approvals, compliance, analytics.
- ICT Administrators users/roles, configuration, audit & support.

#### 1.4 Key Benefits

- Single source of truth for government assets.
- End-to-end approvals and audit trail.
- Barcode & QR tagging for fast verification.
- Standardized reporting (PDF/Excel) via the Reporting Service.

## 1.5 Definitions (Glossary excerpt)

- Asset: Property, plant, equipment, land, intangible, or biological item recorded in ZGAMIS.
- **Verification**: Physical confirmation of asset existence, condition, useful life, and location.
- Adjustment: Authorized update to value, category, useful life, or other master attributes.
- **Revaluation**: Assessment altering carrying value and accumulated depreciation.
- **Disposal**: Permanent derecognition (auction, donation, write-off, etc.).

## 2. Getting Started

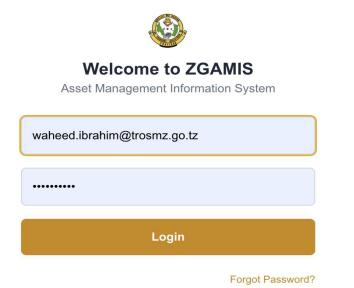
## 2.1 Supported Browsers

Latest Chrome/Edge/Firefox. Enable pop-ups for downloads (PDF/Excel).

## 2.2 Access & Login

- 1. Navigate to: <a href="https://zgamis.trosmz.go.tz">https://zgamis.trosmz.go.tz</a>
- 2. Enter **Username** and **Password**.
- 3. Click Login.





#### 2.3 Password & Session

- Minimum length and complexity enforced.
- Sessions auto-expire after inactivity; sign in again to continue.

## 2.4 Roles & Permissions (overview)

ZGAMIS uses role-based access + granular permissions. Common roles:

Role	Typical Level	Key Capabilities
AMU Officer	Branch	Register assets, start verification, request transfer/maintenance/disposal
Asset Manager	Institution	Approve branch items, oversee registers & reports
TR HQ Officer	National	Final approvals (transfer, disposal, revaluation), compliance analytics

Asset Verifier	Branch/Institution	Execute field verification using QR/barcode
Disposal Manager	Institution/TR	Manage disposal lifecycle & financial impact
System Admin	ICT	Users, roles, menus, permissions, configurations

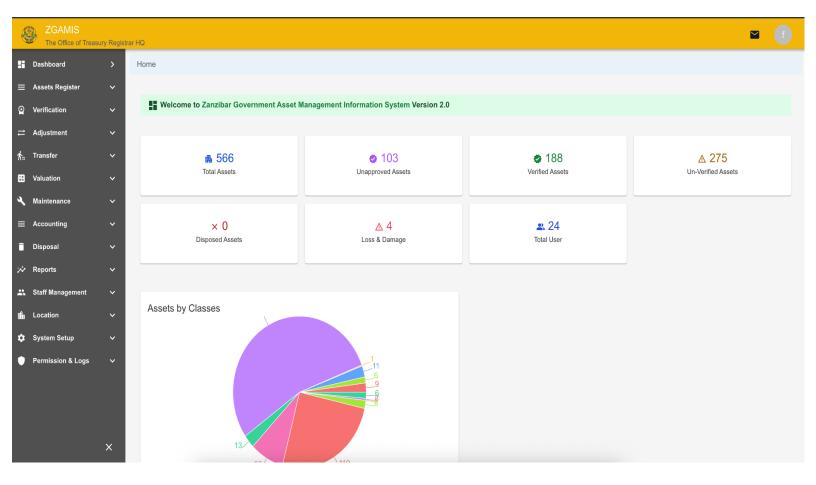
(See Appendix A for the full matrix.)

# 3. Orientation: Dashboard & Navigation

#### 3.1 Dashboard Overview

Upon login, ZGAMIS opens on the **Dashboard** showing KPI tiles and a pie chart.

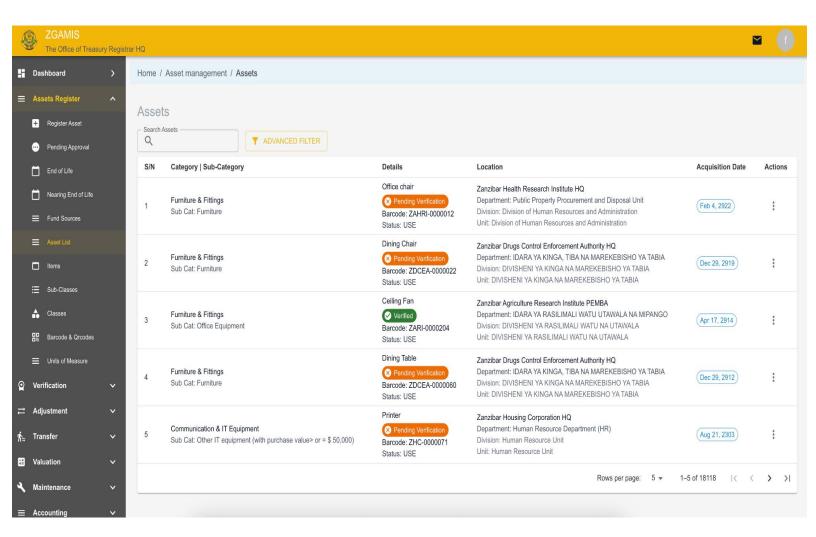
- KPI Tiles:
  - Total Assets
  - Unapproved Assets
  - Verified Assets
  - Un-Verified Assets
  - Disposed Assets
  - Loss & Damage
  - Total Users
- Visualization: Assets by Classes (pie chart).



## 3.2 Sidebar Navigation (Modules)

- Dashboard
- Assets Register
- Verification
- Adjustment
- Transfer
- Valuation
- Maintenance
- Accounting
- Disposal

- Reports
- Staff Management
- Location
- System Setup
- Permission & Logs



#### 3.3 Common UI Patterns

- **Breadcrumbs** (top) show your current path.
- Advanced Filter to refine lists by date, category, branch, etc.

- Row Actions Menu (:) for view/edit/approve/reject.
- Pagination controls at the bottom of lists.
- **Export Buttons** for PDF/Excel when available.

## 4. Assets Register

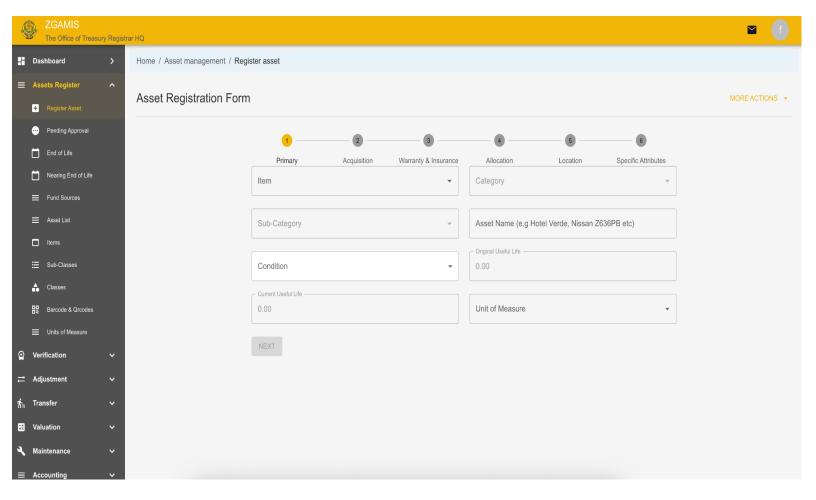
#### 4.1 Register a New Asset (Wizard)

Path: Assets Register ➤ Register Asset

Steps in the wizard (top progress  $1\rightarrow 6$ ):

- 1. **Primary** Item, Category, Sub-category, Condition, Useful Life, Unit of Measure, Asset Name.
- 2. **Acquisition** Date, Cost, Fund Source, Acquisition Type.
- 3. Warranty & Insurance Provider, policy, coverage, expiry.
- 4. **Allocation** Institution/Branch, Department/Division/Unit, Custodian.
- 5. **Location** Region, District, Village, Building, Floor, Room, GPS (optional).
- 6. **Specific Attributes** e.g., Vehicle: plate, chassis, engine; ICT: serial/model; Land: plot, building no.; etc.

Required fields are marked on the form. Attach supporting documents where applicable. Click **Save**.

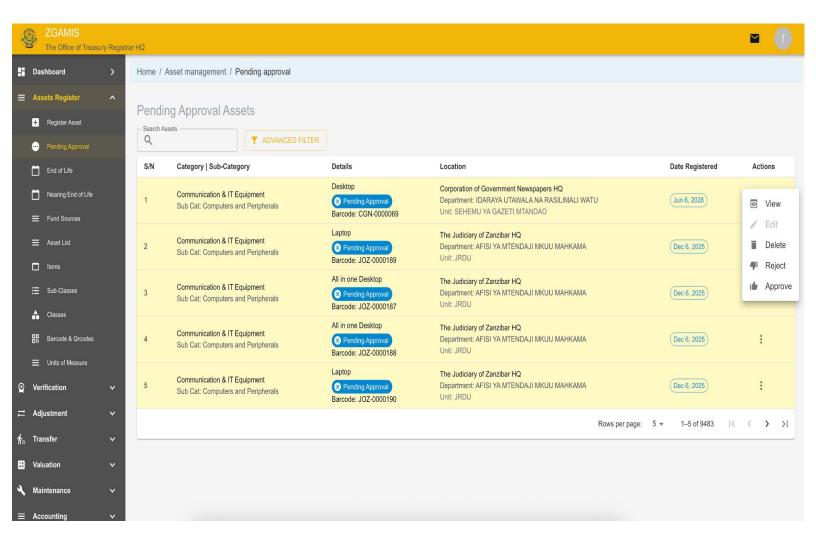


#### Field Reference (key fields)

- Asset Name e.g., "Conference Chair", "Nissan XYZ".
- Category/Sub-Category from standardized chart.
- Original Useful Life / Current Useful Life in years (decimals allowed).
- Acquisition/Revaluation Date & Cost.
- Fund Source internal, donor, grant code (if used).
- Barcode/QR Code auto-generated after save.

## 4.2 Pending Approval

New registrations appear under **Pending Approval** for review by HQ/TR (as configured).

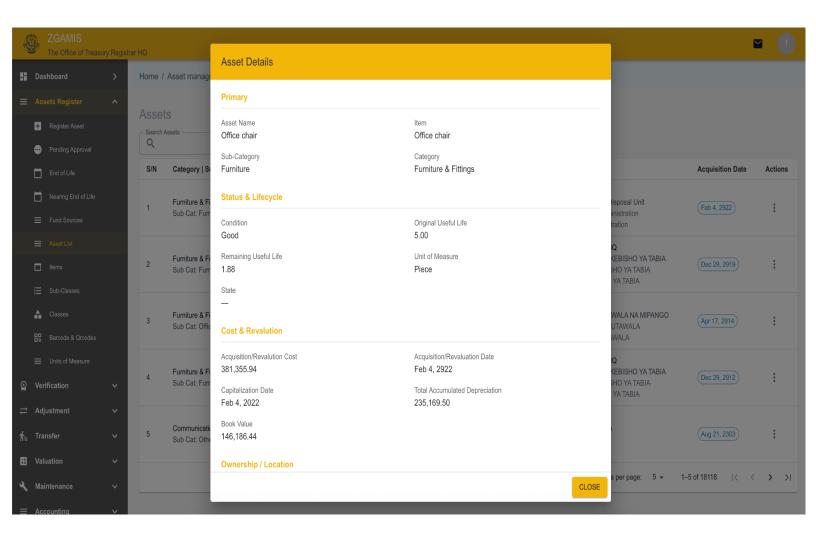


**Approve** to activate the asset; **Reject** with a clear reason to return for correction.

#### 4.3 View Asset Details

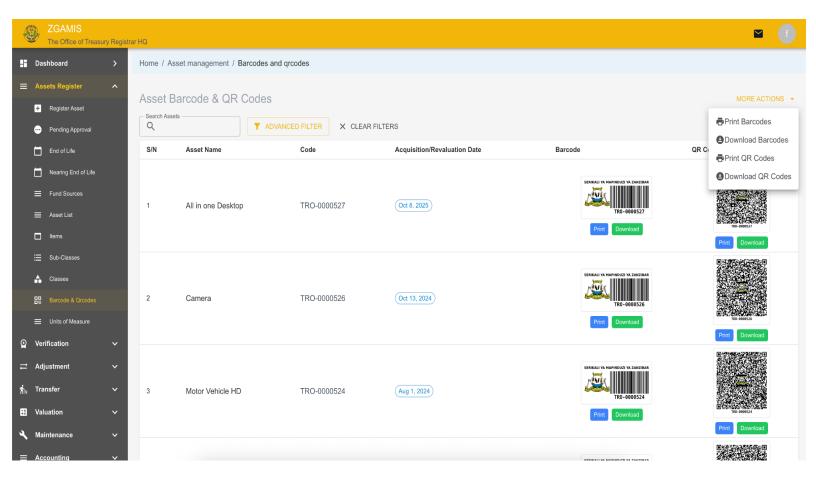
The **Asset Details** dialog shows:

- Primary data (item, category, sub-category).
- Status & Lifecycle (condition, remaining life, state).
- Cost & Revaluation (cost, capitalization date, book value, accumulated depreciation).
- Ownership/Location.



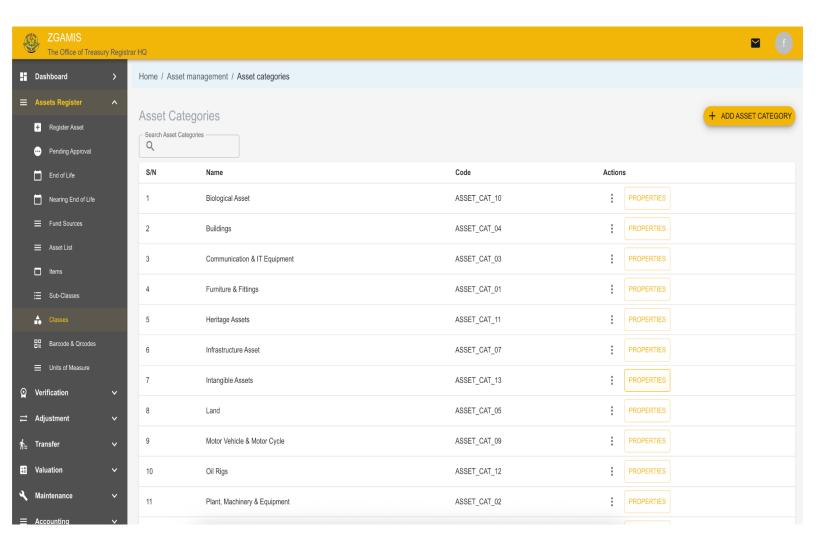
#### 4.4 Barcodes & QR Codes

Download/print codes to tag assets physically; scanning a QR opens the verification workflow.



## 4.5 Other Assets Register Menus

- Asset List full inventory with filters & export.
- End of Life / Nearing End of Life lifecycle monitoring.
- Classes, Sub-Classes, Items master catalogs.
- Units of Measure, Fund Sources master data maintenance.

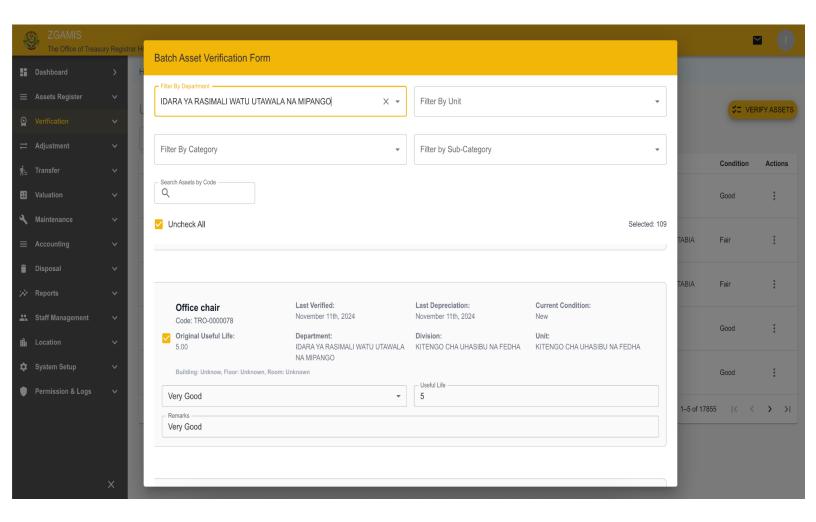


## 5. Verification

#### 5.1 Start Verification

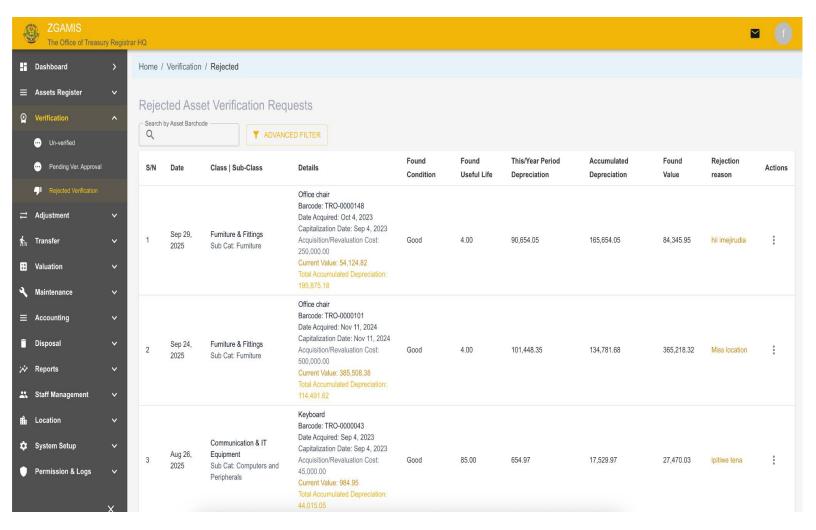
Path: **Verification ► Un-verified** (or scan QR directly)

- 1. **Scan QR** (or search by Asset Code).
- 2. Record Found Condition, Found Useful Life, Found Value.
- 3. Optionally attach photos/docs.
- 4. Submit. Status moves to Pending Ver. Approval.



## 5.2 Approvals & Rejections

- Pending Ver. Approval HQ/TR review.
- Rejected Verification shows rejection reason(s). Correct & resubmit.



**Note:** Depreciation and book value may auto-recompute on approved verifications (per configuration).

# 6. Adjustment

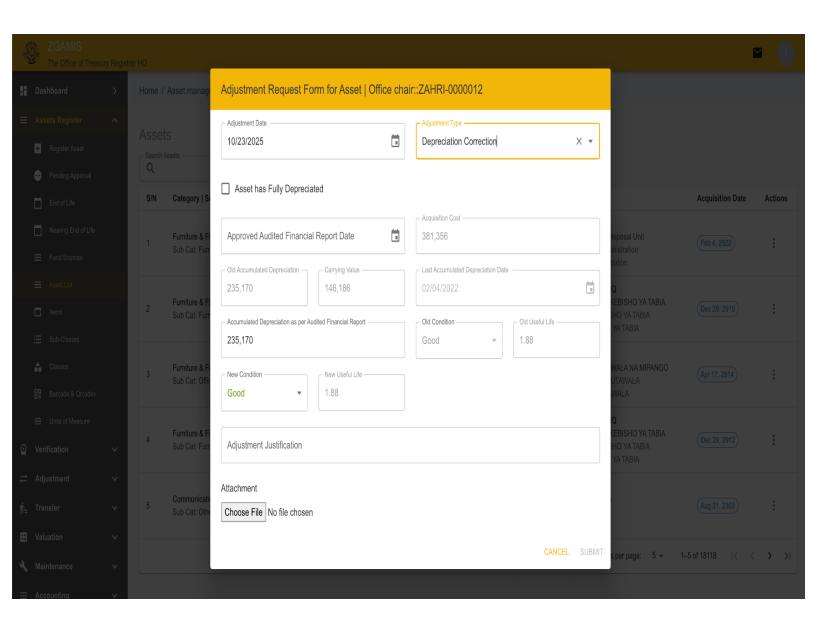
#### 6.1 When to Use

For sanctioned changes to value, useful life, category, state, usage, unit of measure, item, acquisition dates, etc.

## 6.2 Create Adjustment

Path: Adjustment > Adjustment Requests

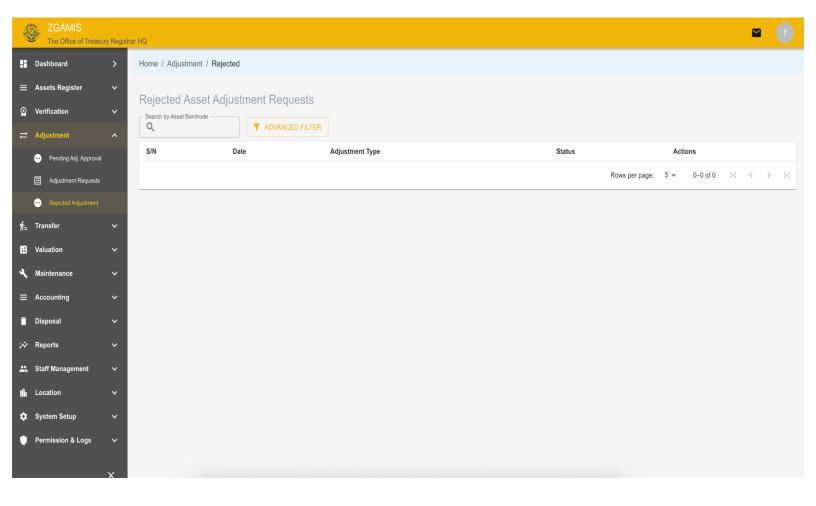
- 1. Select Asset.
- 2. Enter **Old** vs **New** values (system may prefill old).
- 3. Provide **Justification Note** and attach supporting document(s).
- 4. Submit → Goes to **Pending Adj. Approval**.



## 6.3 Approval & Audit

Approvers: HQ and/or TR (policy).

- Outcome: Book value / life / category updated.
- Audit Trail captures all changes.



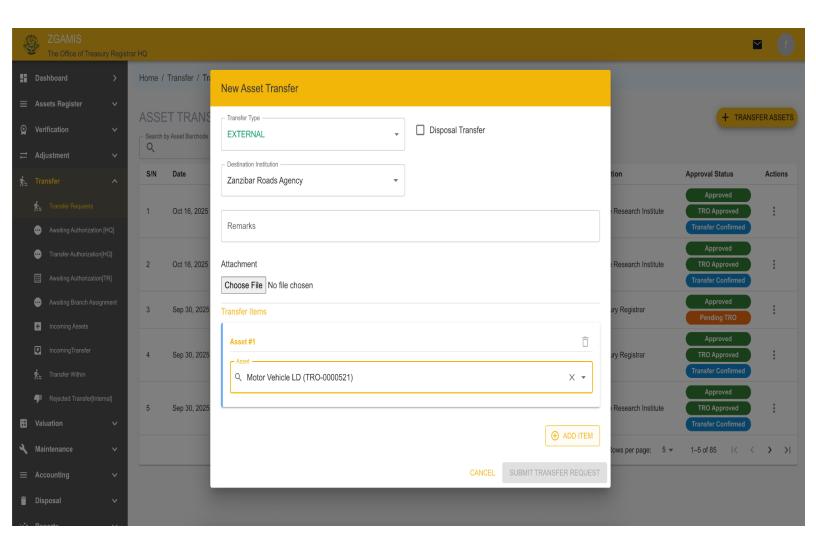
# 7. Transfer

#### 7.1 Initiate Transfer

Path: Transfer  $\rightarrow$  Transfer Requests  $\rightarrow$  + Transfer Assets

- 1. Choose Transfer Type: INTERNAL / EXTERNAL.
  - Tick Disposal Transfer if moving assets to disposal center.
- 2. Select Destination Institution/Branch/Unit.

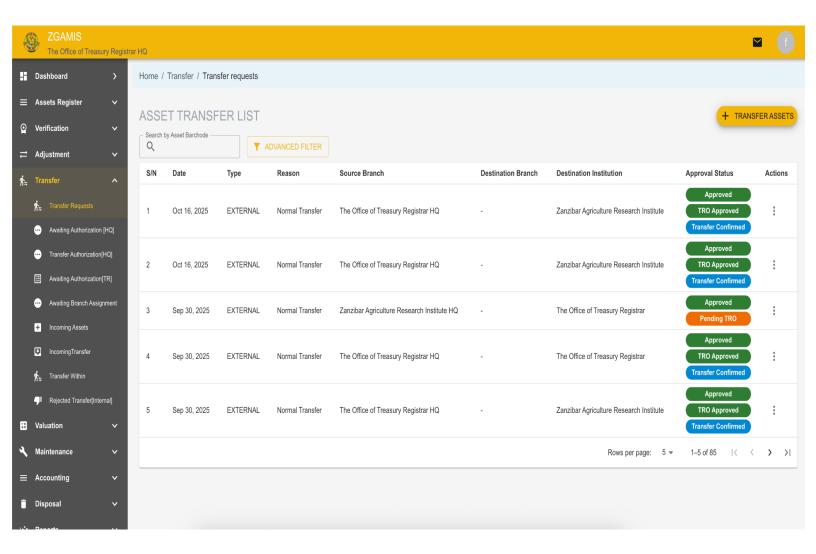
- 3. Add Remarks and Attachment.
- 4. Add one or more Transfer Items (assets).
- 5. Submit.



## 7.2 Workflow Stages

- Awaiting Authorization [HQ] → Institution HQ approval.
- Awaiting Authorization [TR] → Treasury Registrar approval.
- Awaiting Branch Assignment → Receiving branch/unit assignment.
- Incoming Assets → Receiving branch confirms receipt.

• **Rejected Transfer [Internal]** → Displays with reason; sender may amend.



## 7.3 Transfer Confirmation & History

On receipt, the receiving branch **confirms**. System stores **Transfer History** (from/to branch, old/new codes/conditions, values).

# 8. Valuation (Revaluation)

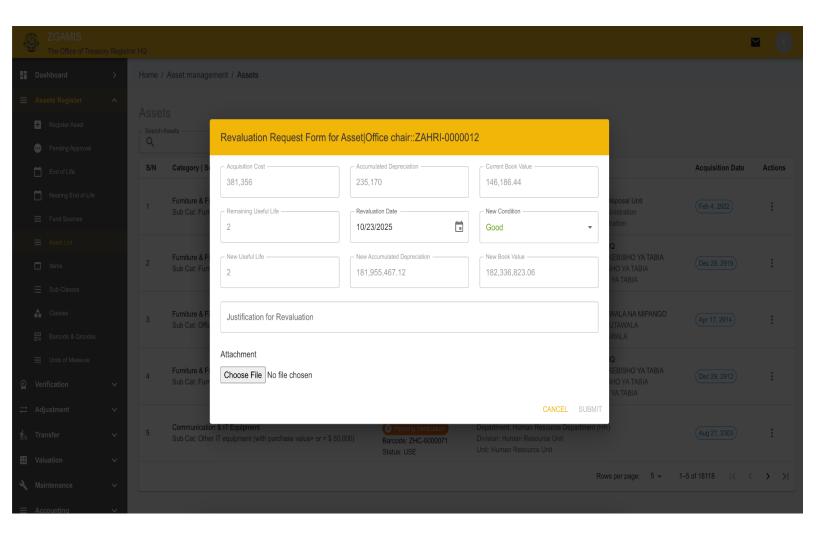
## 8.1 Purpose

Revalue an asset's **carrying amount**, **accumulated depreciation**, **and useful life** after professional valuation.

#### 8.2 Create Revaluation

Path: Valuation ➤ New Revaluation

- 1. Select Asset.
- 2. Enter New Book Value, New Accumulated Depreciation, New Useful Life, New Condition.
- 3. Attach valuation report.
- 4. Submit → Approval (TR HQ).



## 8.3 Impact

Upon approval, system updates carrying value and depreciation schedule.

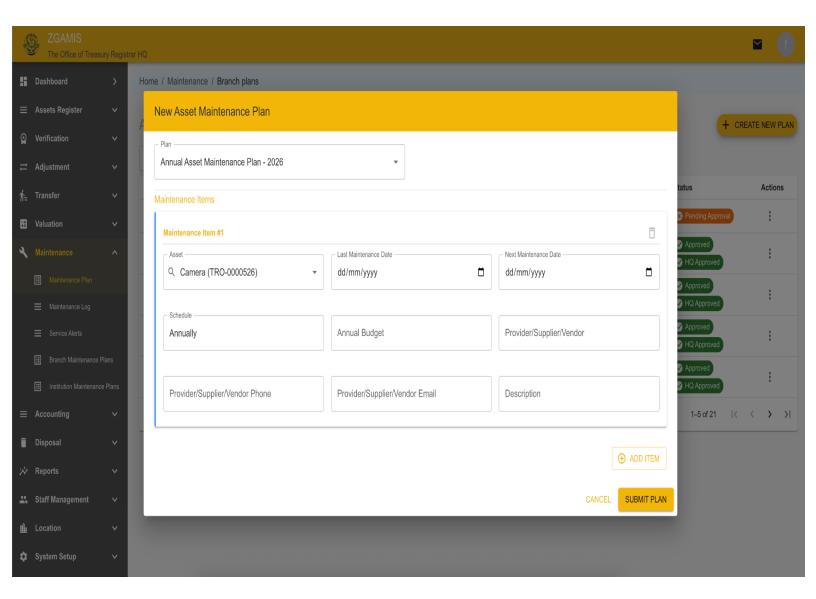
# 9. Maintenance

## 9.1 Maintenance Plan (Branch/Institution)

Path: Maintenance ► Maintenance Plan → Create New Plan

For each asset:

- Last Maintenance Date, Next Maintenance Date
- Schedule (Monthly/Quarterly/Annually/Custom)
- Provider details & contacts
- Annual Budget, Description



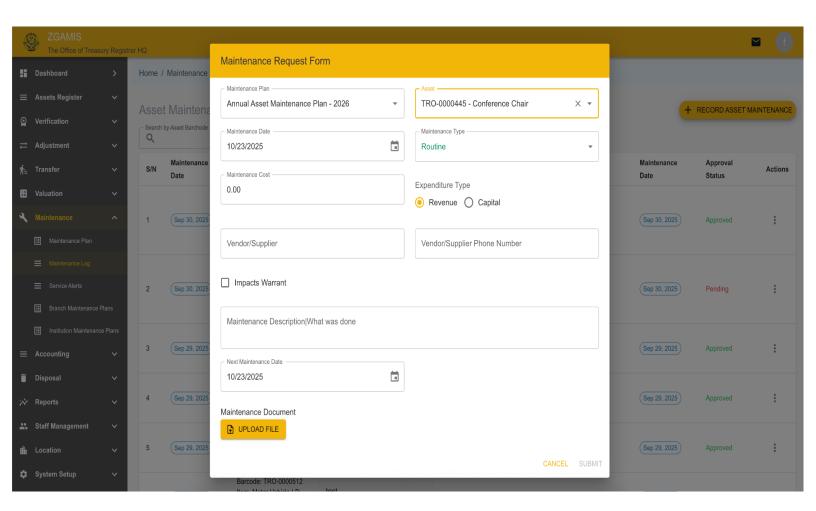
## 9.2 Maintenance Log (Execution)

Path: Maintenance ► Maintenance Log → Record Asset Maintenance

#### Enter:

- Plan, Asset, Date, Type (Preventive/Corrective/Routine)
- Expenditure Type (Revenue/Capital)
- Cost, Vendor, Phone
- Tick Impacts Warranty if applicable

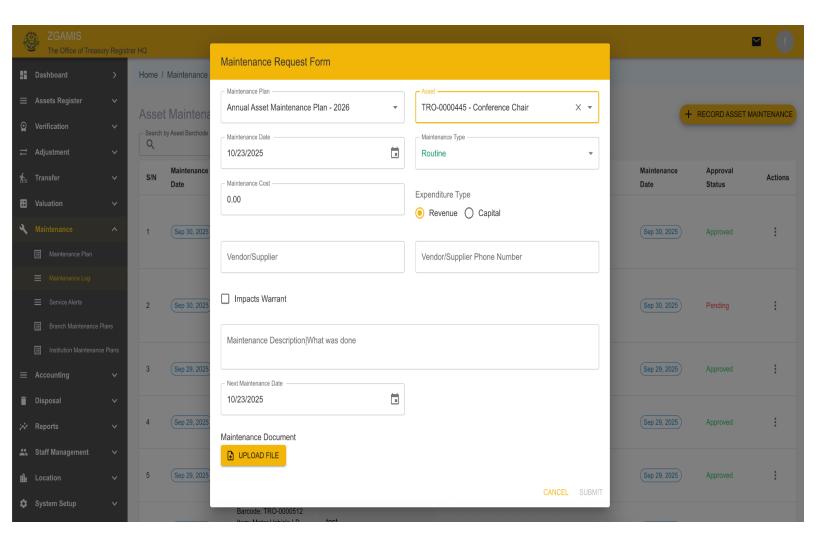
- Description & Next Maintenance Date
- Upload document(s)



#### 9.3 Service Alerts

Path: Maintenance ➤ Service Alerts

Shows assets with **overdue** or **upcoming** maintenance; use to prioritize field teams.

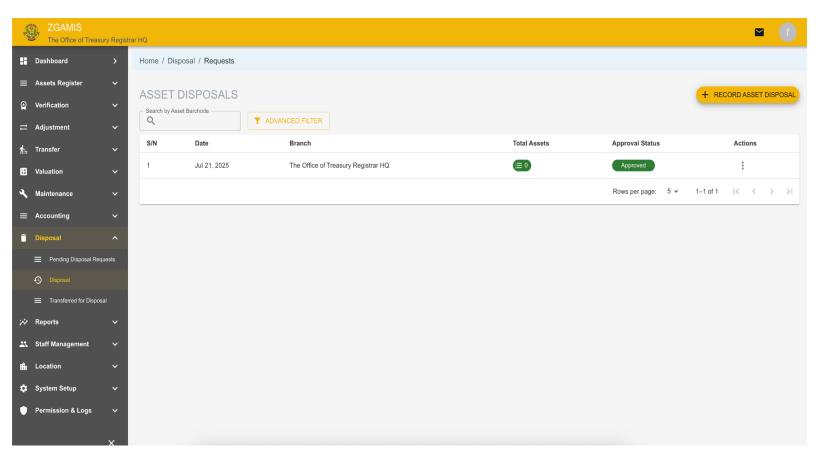


# 10. Disposal

## 10.1 Disposal Requests

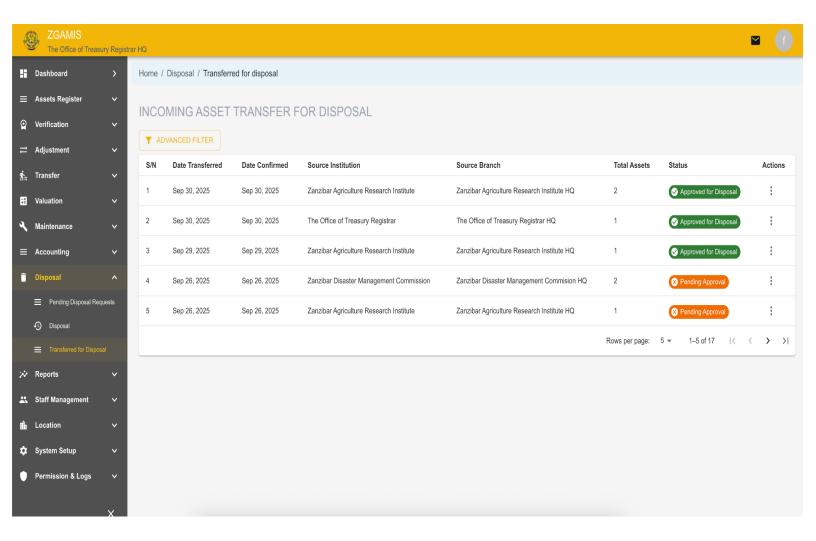
Path: Disposal ➤ Disposal → Record Asset Disposal

- 1. Add assets to disposal request.
- 2. Choose **Disposal Method** (auction/donation/write-off).
- 3. Upload support documents and photos.
- 4. Submit → **Pending Disposal Requests** for approval.



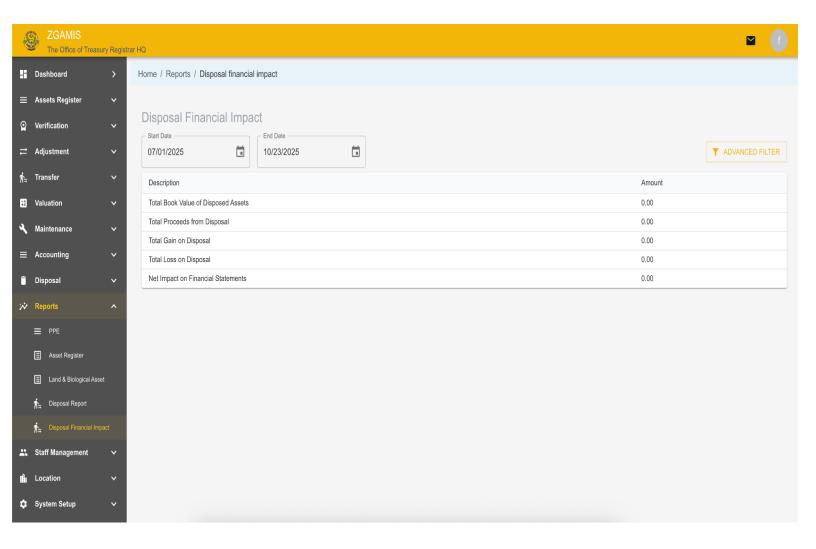
## 10.2 Transfer to Disposal

If assets must be physically moved to a disposal yard, use **Transfer for Disposal** workflow.



## **10.3 Financial Impact**

On completion, record **proceeds** and system computes **gain/loss** vs **book value**.



# 11. Accounting & Reports

## 11.1 Reports (PDF/Excel)

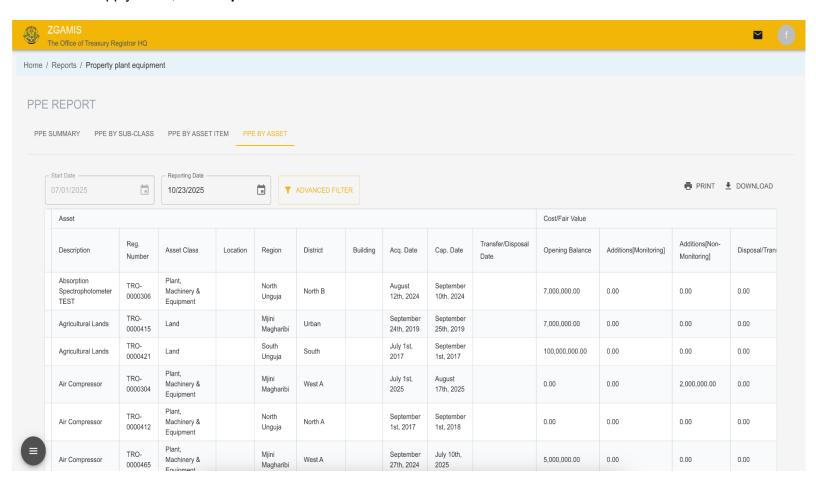
Path: Reports

Available standard reports include:

- Asset Register (by Institution/Branch/Category/Date)
- PPE Report
- Land & Biological Asset

- Disposal Report
- Disposal Financial Impact
- Verification Summary
- Transfer Summary
- Depreciation History
- Audit Trail

Apply filters, then **Export** to PDF/Excel.



## 11.2 Accounting (Overview)

If enabled, ZGAMIS maps maintenance/disposal/adjustment events to accounting entries (view-only in UI; details depend on your integration).

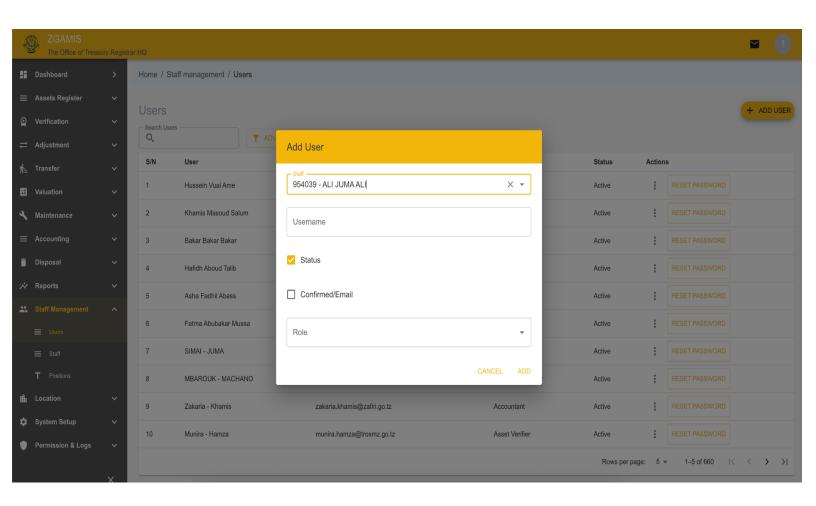
[[Screenshot Placeholder: Accounting screens (if available)]]

# 12. Staff Management

#### **12.1 Users**

Path: Staff Management ► Users → + Add User

- Select Staff record (or create new staff first).
- Set Username, Status, Email Confirmed, and Role.
- Reset password from row **Actions** when needed.

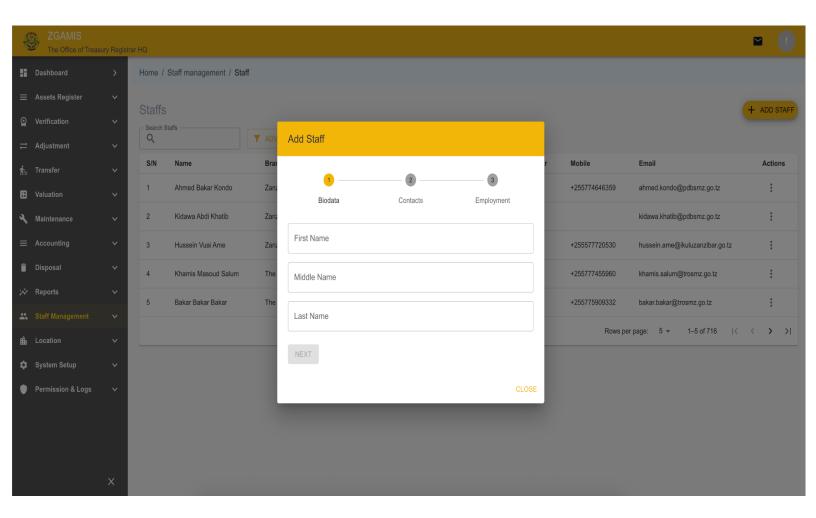


#### **12.2 Staff**

Path: Staff Management ► Staff → + Add Staff

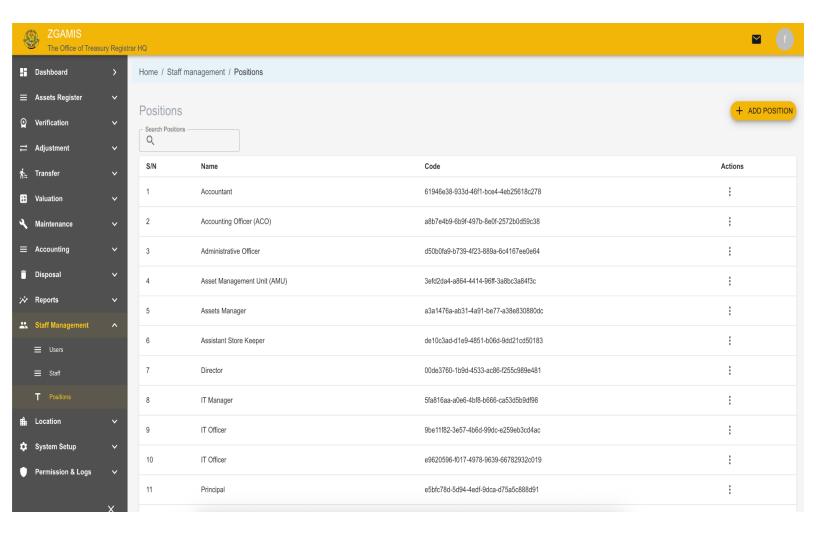
#### Wizard steps:

- 1. **Biodata** First/Middle/Last name.
- 2. Contacts Phone, Email.
- 3. **Employment** Pillar/Ministry/Institution/Branch, Position/Title, Payroll No.



#### 12.3 Positions

Maintain position titles used when assigning staff.

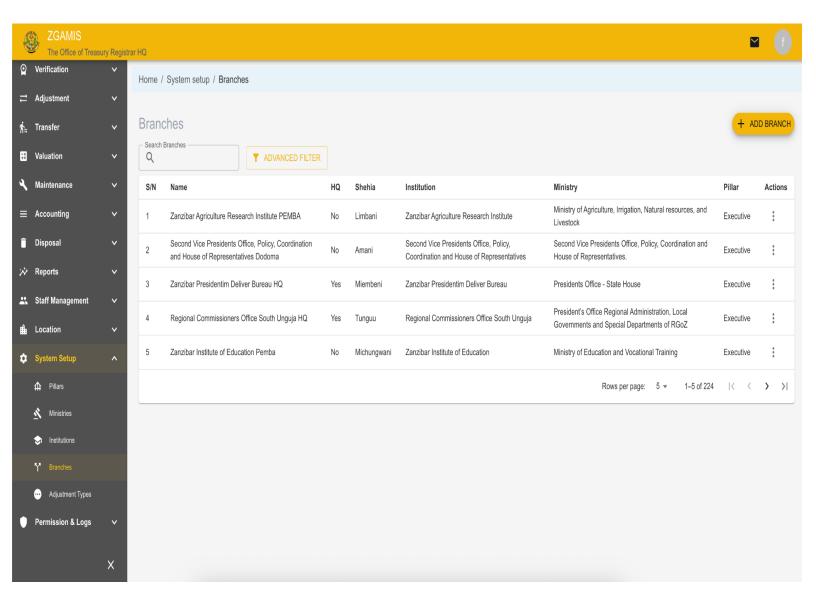


# 13. Location & System Setup

## 13.1 Location Hierarchy

Path: Location

Manage Pillars ► Ministries ► Institutions ► Branches (including HQ branch flag & contact details).



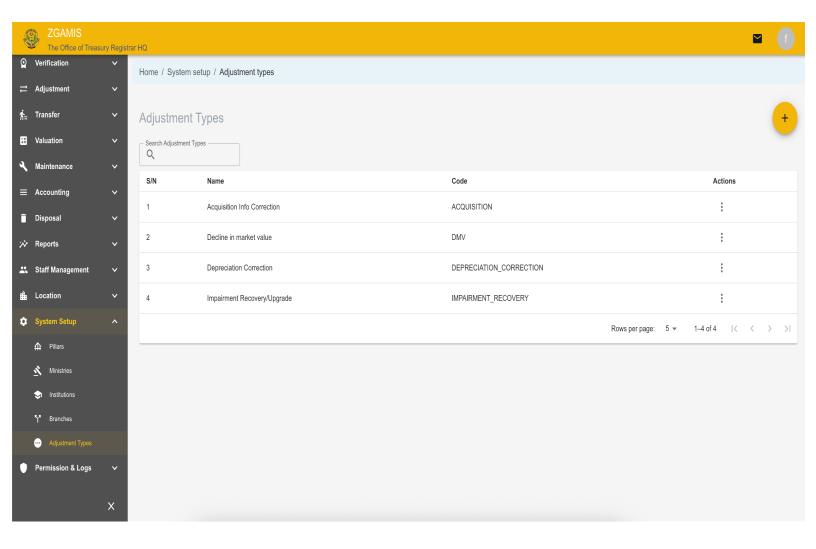
## 13.2 System Setup (Masters)

Path: System Setup

Maintain master data used across modules:

- Adjustment Types
- Asset Classes / Sub-Classes / Items
- Asset States & Usages
- Asset Specific Attributes (per class)

- Fund Sources
- Acquisition Types
- Disposal Methods
- Units of Measure

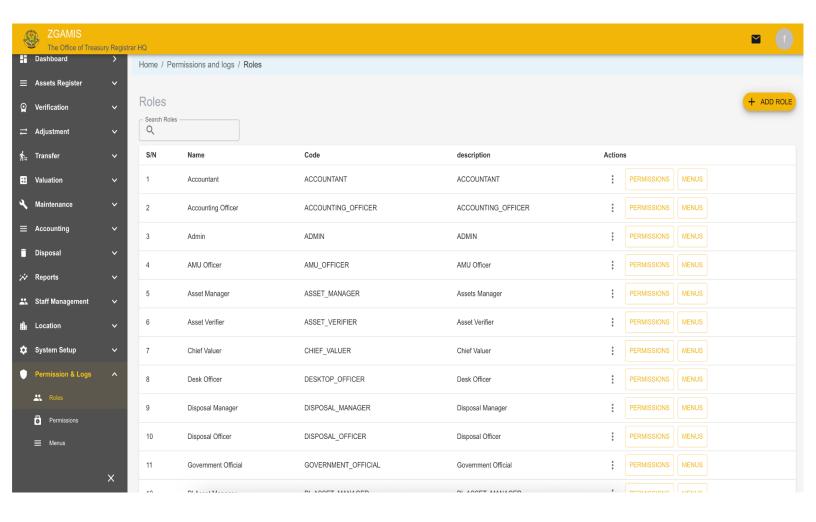


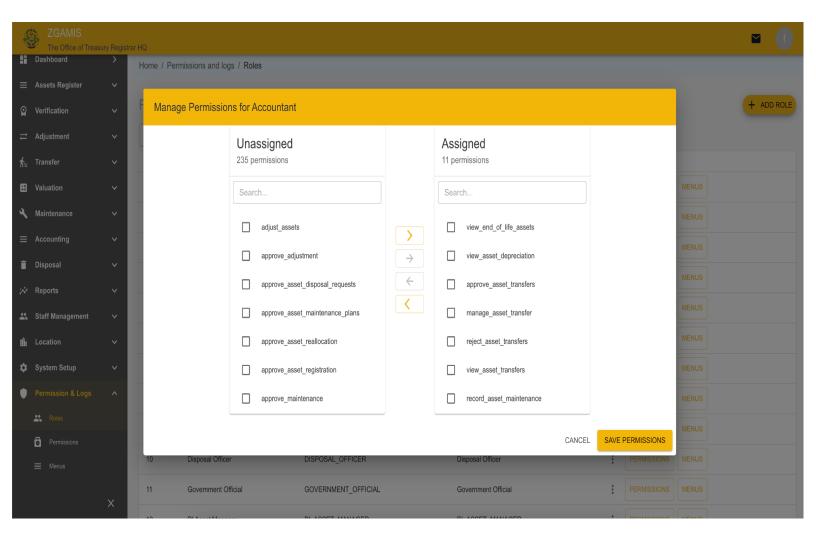
# 14. Permissions & Logs (Administration)

#### 14.1 Roles, Permissions & Menus

Path: Permission & Logs ➤ Roles / Permissions / Menus

- Create roles, assign Permissions and visible Menus.
- Use **Menus** to control left-sidebar visibility by role.





#### 14.2 Audit Trail

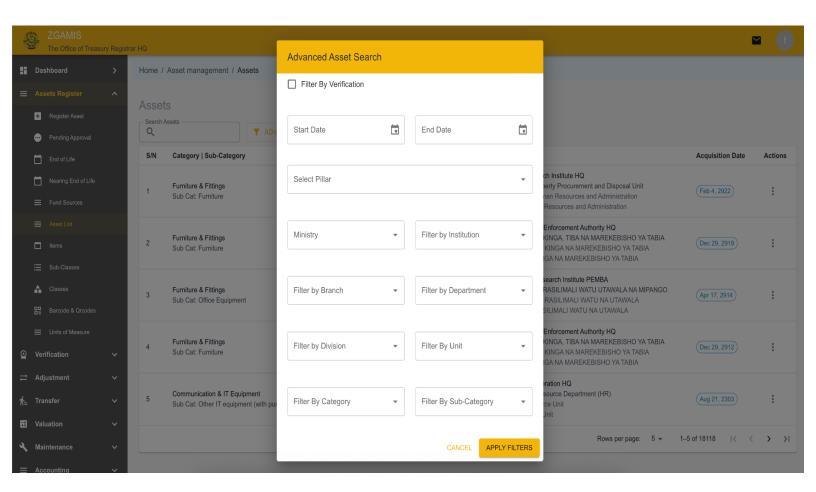
All critical actions are captured in **Audit Logs** (who, what, when, before/after data).

[[Screenshot Placeholder: Audit Trail report]]

## 15. Search, Filters & Exports

- Use **Search** box for quick lookups (name/code/branch).
- Click **Advanced Filter** for multi-criteria filtering (date ranges, status, class, location).
- Use column Sort where available.

• Export filtered results via the Export or Download buttons on report/list pages.



## 16. Notifications

- The mail icon in the header shows notifications for approvals and status updates.
- Users receive emails for approvals and rejections (if email configured).

[[Screenshot Placeholder: Header with notifications]]

# 17. Data Quality & Field Tips

- Uniqueness: Asset Code/Barcode/QR must be unique (system enforces).
- **Geolocation**: Capture GPS for movable assets where possible.
- Attachments: Use clear photos and certified documents.
- **Consistent Naming**: Use standardized names per class (e.g., "Laptop Dell Latitude 7420").

# 18. Troubleshooting & FAQs

#### **18.1 Common Errors**

Message	Why it happens	How to fix
Invalid login	Wrong credentials	Reset password via Admin or use "Reset Password" flow
Permission denied	Role missing capability	Ask Admin to check your role & permissions
Duplicate barcode/QR	Already used	Generate/assign a new code
Upload failed	File size/type	Ensure PDF/JPG/PNG under 10MB
No assets found by QR	Code mismatch or unregistered	Re-scan; search by Asset Code; contact HQ

#### 18.2 FAQs

- Can I work offline? No; internet is required.
- Can I export lists and reports? Yes; PDF and Excel are available.
- Who approves transfers and disposals? Institution HQ then TR HQ (final).
- How do I reprint a QR? Open Asset Details → Barcode & QR tab → Print/Download.
- Where do I see overdue maintenance? Maintenance ➤ Service Alerts.

# 19. Support

**Treasury Registrar ICT Unit** 

Email: support@zgamisonline.go.tz

Phone: +255 xxx xxx xxx

Hours: Mon-Fri, 08:00-17:00 EAT

# **Appendix A – Roles & Permissions Matrix (Template)**

Replace ✓ with actual permissions per your configuration. Use **Permission & Logs** 

▶ Roles / Permissions as the source of truth.

Capability	Branch Officer	Institution HQ	TR HQ	Verifier	Disposal Manager	Admin
Register Asset	<b>√</b>	<b>√</b>				
Approve Asset		<b>√</b>	✓			
Verify Asset	<b>√</b>	✓	<b>√</b>	$\checkmark$		

Approve Verification		<b>√</b>	✓	
Create Adjustment	✓	✓		
Approve Adjustment		✓	✓	
Initiate Transfer	✓	<b>√</b>		
Approve Transfer		<b>√</b>	<b>√</b>	
Revaluation		✓	✓	
Maintenance Plan/Log	✓	<b>√</b>		
Create Disposal Request	✓	<b>√</b>		<b>√</b>
Approve Disposal		<b>√</b>	<b>√</b>	<b>✓</b>
Run Reports	✓	✓	✓	
Manage Users/Roles/Menus				`

## **Appendix B – Screenshot Inventory (to insert)**

Use this list to ensure every placeholder in the manual is populated.

- 1. Login Page
- 2. Dashboard KPI tiles + Assets by Classes pie chart
- 3. Sidebar Navigation
- 4. Asset Registration **Primary** tab view
- 5. Assets **Pending Approval** list
- 6. Assets Row Actions Menu (View/Edit/Delete/Reject/Approve)
- 7. Asset Details Primary & Cost
- 8. Asset Details **Barcode & QR** (Download/Print)
- 9. Assets Barcode & QRCodes list
- 10. Asset **Classes** list
- 11. Verification **Rejected** list with reasons
- 12. Adjustment Request Form (example)
- 13. Transfer **New Transfer** dialog
- 14. Maintenance **New Plan** dialog
- 15. Maintenance **Maintenance Log** form
- 16. Maintenance Service Alerts grid
- 17. Disposal Requests grid
- 18. Disposal Transferred for Disposal grid
- 19. Reports Menu listing report categories
- 20. Roles List with **Permissions & Menus** buttons

- 21. Menus Configuration screen
- 22. Users Add User dialog
- 23. Staff Add Staff wizard
- 24. Staff List view
- 25. Audit Trail report (if available)
- 26. Accounting screen (if applicable)
- 27. Any **Advanced Filter** dialog (generic)

# **Appendix C – Quick Reference Checklists**

## **C.1** Register → Approve → Tag → Verify (Field Team)

- 1. Register asset (fill all 6 tabs)  $\rightarrow$  Save.
- 2. HQ approves.
- 3. Print and attach QR/Barcode.
- 4. During verification: scan QR  $\rightarrow$  set condition/value/life  $\rightarrow$  submit  $\rightarrow$  HQ/TR approval.

#### C.2 Transfer (Between Branches/Institutions)

- 1. Transfer Requests → + Transfer Assets.
- 2. Select type (Internal/External/Disposal), set destination, attach memo, add items.
- 3.  $HQ \rightarrow TR$  approvals.
- 4. Receiving branch **confirms** in Incoming Assets.

## C.3 Maintenance (Plan & Log)

- 1. Create Maintenance Plan (schedule, vendor, budget).
- 2. Log **Maintenance** with cost, type (Revenue/Capital), next due date.
- 3. Monitor Service Alerts for overdue items.

## C.4 Disposal

- 1. Disposal → **Record Asset Disposal** (method, docs, images).
- 2. Optionally Transfer for Disposal to central yard.
- 3. Approvals:  $HQ \rightarrow TR$ .
- 4. Record proceeds; system calculates gain/loss.

## **Appendix D – Data Privacy & Security (Essentials)**

- **User accounts** are personal; never share passwords.
- Use **strong passwords** and update regularly.
- Only authorized officers may approve adjustments/transfers/disposals.
- All actions are audited; misuse is traceable and subject to disciplinary action.
- Follow government ICT policy for backup/retention and incident reporting.