

Admin Portal Jan-2026 Release

1. Robust Additional Attributes (Enhancement)

1.1 Introduction

Earlier, Admin users could add additional (dynamic) attributes for certain modules, but **no validations** were available. With this release, **users can add validations** and datatypes and those will be **validated by system itself**.

This guide helps:

- Admin users understand **what has changed**
- How to **configure attributes**
- How validations work on **UI and migration**
- What to take care of during **data migration**

🔔 This enhancement was identified and raised by AU CASA Project team

1.2 Background – How It Worked Earlier

Previously:

- Admin could add **additional attributes** for applicable modules
- Only **attribute name** was asked
- No validation was enforced:
 - Mandatory / Optional
 - Data type
 - Regex pattern

This caused:

- Inconsistent data
- No UI-level validation
- Difficulty in migration and reporting

1.3 What's New in This Release (Summary)

This release introduces **Attribute Enhancement** in the Admin Portal.

Now Admin users can configure:

- Whether an attribute is **Mandatory**
- **Data Type** of the attribute
- **Regex validation** for attribute values
- **Custom error message** if validation fails

Validations are enforced:

- On **UI screens**
- During **Migration / Bulk Upload**

1.4 Backward Compatibility & Update Options for Old Attributes

For attributes that were created before this enhancement:

- Old attributes can be updated with new validation rules (Mandatory, Data Type, Regex, Error Message)
- Existing attribute data is preserved during the upgrade
- Admins can gradually enable validations on old attributes without losing historical data
- New attributes created after this release will have all validation options available from the start

This ensures a smooth transition and maintains data integrity for existing implementations.

1.5 Attribute Configuration – New Capabilities

When adding or editing an **Additional Attribute**, the Admin can now define:

Configuration	Description
Attribute Name	Display name of the field
Data Type	NUMBER, STRING, DATE, BOOLEAN, etc.
Mandatory (Y/N)	Whether the field is compulsory
Regex	Pattern to validate user input applicable for STRING & NUMBER
Error Message	Message shown if validation fails

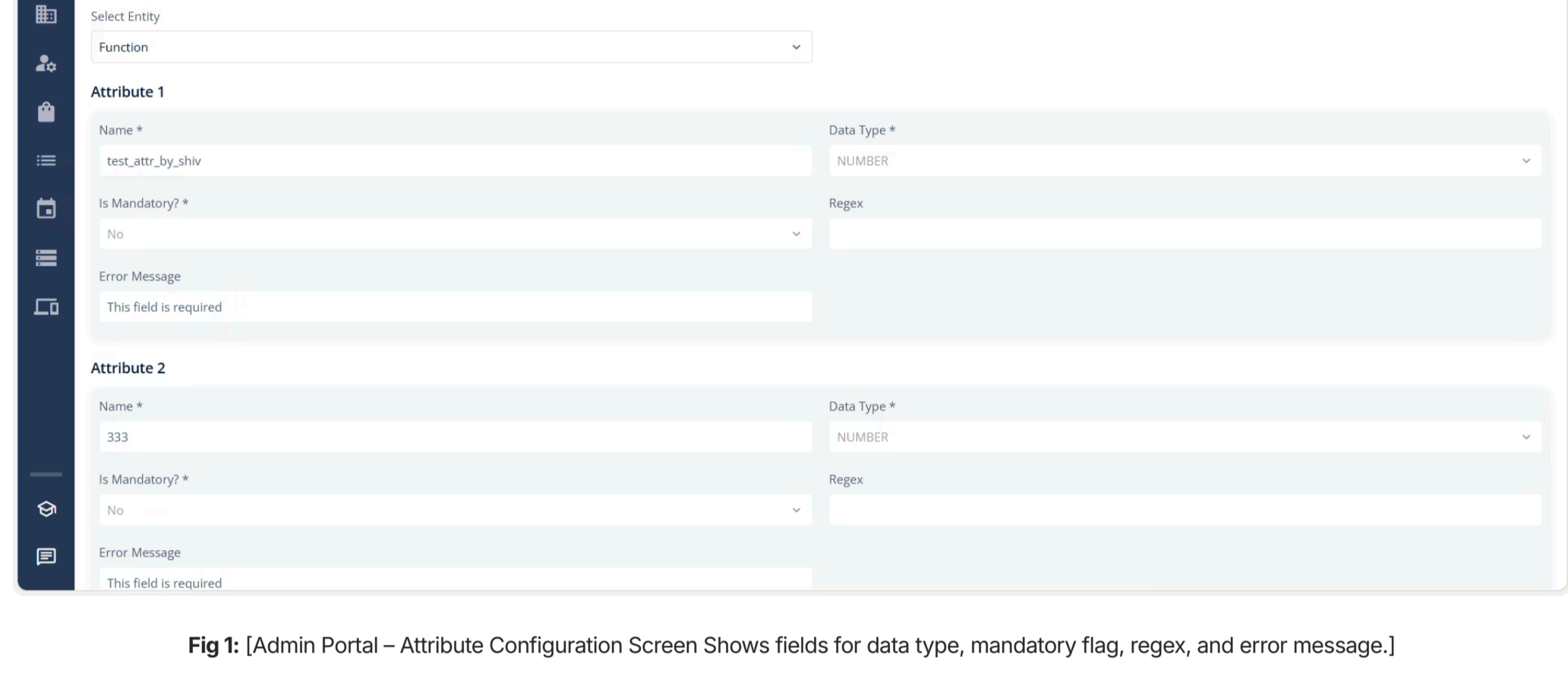


Fig 1: [Admin Portal – Attribute Configuration Screen Shows fields for data type, mandatory flag, regex, and error message.]

1.6 UI Validation Behavior

Once an attribute is configured:

- Mandatory attributes **must be filled**
- Input value must match:
 - Selected **data type**
 - Defined **regex pattern** (if any)
- If validation fails:
 - User sees the **configured error message**
 - Form cannot be submitted

This ensures **clean and consistent data entry** across the system.

1.7 Migration & Bulk Upload Changes (Important)

- **Each attribute will have its own separate column in the excel**
- Column name format:

```
attribute_<fieldName>
```

Example:

```
attribute_zoneName  
attribute_villageName  
attribute_pinCode
```

Users must:

- Enter attribute values **directly in respective columns**
- Follow:
 - Mandatory rules
 - Data type rules
 - Regex validation

⚠ Warning: If validation has been enabled for a previously optional field. Existing data must be updated accordingly.

1.8 Validation During Migration

During import:

- System validates:
 - Mandatory attributes
 - Data type correctness
 - Regex compliance
- If validation fails:
 - Complete batch is rejected
 - Error message is shown in import logs

This ensures **data integrity** even during bulk operations.

🔔 This enhancement applies only to modules that support additional/dynamic attributes. Changes are not applicable for modules that use only static fields.

1.9 What Has Not Changed

- Existing module functionality remains unchanged
- No change in business logic (apart from validation)
- User roles and permissions remain the same
- Only **attribute handling and validation** are enhanced

1.10 Known Considerations & Best Practices

- Always review existing data before enabling **Mandatory = Yes**
- Test regex patterns carefully to avoid blocking valid inputs
- Update migration templates before bulk upload
- Inform business users about new mandatory fields

2. Database Performance Optimization (Enhancement)

This release also includes important backend improvements designed to make the system **faster, more stable, and better prepared for future growth**. These enhancements work behind the scenes and do not impact any user-facing functionality.

🔔 This enhancement was identified and raised by AU CASA Project team

2.1 Database Index Optimization

To improve system response time and handle growing data volumes more efficiently, database indexes have been optimized across key business tables.

Earlier, multiple separate indexes were used for individual fields. These have now been **combined into smarter, single composite indexes** that better reflect how the system actually searches and retrieves data. Unnecessary indexes have been safely removed from bfsi managed tables.

This approach reduces database effort while fetching data and improves overall performance. Below are the indexes of bfsi managed tables.

business_txn_data

Current Index {

- **business_txn_data_pkey** (id)
- **TxnDataIndex1** (record_identifier1, task_code, task_status_code)

Deprecated / Removed Indexes

- **TxnDataIndex1** (record_identifier1, task_code, task_status_code)

aofs

Current Index

- **aofs_pkey** (id)
- **uniqueaofs** (record_identifier_1, record_identifier_2, record_identifier_3)

Deprecated / Removed Indexes

- **AofsIndex1** (record_identifier_1, record_identifier_2, record_identifier_3)

leads

Current Index

- **leads_pkey** (id)
- **uniqueleads** (record_identifier_1, record_identifier_2, record_identifier_3)

Deprecated / Removed Indexes

- **LeadsIndex1** (record_identifier_1, record_identifier_2, record_identifier_3)

stakeholders

Current Index

- **stakeholders_pkey** (id)
- **uniquestakeholders** (record_identifier_1, record_identifier_2, record_identifier_3)

Deprecated / Removed Indexes

- **ShIndex1** (record_identifier_1, record_identifier_2, record_identifier_3)

business_entities

Current Index

- **business_entities_pkey** (id)
- **uniquebusiness_entities** (record_identifier_1, record_identifier_2, record_identifier_3)

Overall Impact:

- Faster data retrieval for common business operations
- Developers can add custom index as per their requirements.

🔔 On update system will not automatically delete the deprecated index but will not create or maintain it anymore. Users can delete deprecated index to remove from database by themselves.

Quick Fixes and Common Questions

If you run into any problems with the new features, try these steps first:

- **Clear Your Browser Cache:** A full refresh of your browser (Ctrl+Shift+R or Cmd+Shift+R) can fix many display issues. It helps load the newest parts of the website instead of old cached versions.

Your Feedback Matters

We are committed to continuous improvement. Feedback on the new interface is highly valued and will drive future iterations.

- **Community Forum:** Post detailed suggestions and engage in discussion within the 'Vahana Community' tab.

Future updates will focus on making things faster, refining the design even more, and adding the features you ask for most.

Conclusion

The **Attribute Enhancement** feature significantly improves data quality and consistency across the Admin Portal.

By introducing mandatory rules, data types, and regex validation, administrators gain better control over dynamic fields while ensuring clean and validated data across UI and migration flows.

This enhancement strengthens the platform's reliability, scalability, and enterprise readiness.

Supported Build Versions

- **Workflow Manager:** 17.0.0-1.0.232
- **Admin Portal (Front End):** 18.0.0-1.0.266-production
- **Admin Portal (Back End):** 17.0.0-1.0.307
- **BFSI:** 17.0.0-1.0.218

Need Help?

For any queries or support related to this release, please contact the **"Admin Portal"** team.