

AccuFund Verification Procedure

Mr. MoneyBags v1.x

Comprehensive Verification & Acceptance

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AccuFund → Mr. MoneyBags v1.x

Comprehensive Verification & Acceptance Procedure



Use this document after completing data migration to confirm every feature of Mr. MoneyBags v1.x is working exactly as expected.

Mark each check ☐/☑, record evidence (screenshot #/file), note issues, and obtain the required sign-offs.

0 Document Control

Version	1.0
Prepared by	San Francisco AI Factory – Migration Services
Date	07 Aug 2025
Environment	PROD / SANDBOX (circle)
AccuFund Source Version	9.x
Acceptance Window	___ / ___ / 2025 – ___ / ___ / 2025

Legend

- ☐ = Not executed ☒ = Pass ✖ = Fail / Issue logged
-  = Screenshot or export saved in `/verification_evidence/YYYY-MM-DD/...`
-  Roles: **A** =Admin, **F** =Finance, **V** =Viewer

1 Pre-Verification Setup

#	Task	Steps	Expected	Role	Result
1.1	System Requirements Confirmed	Ensure Node.js \geq 20, PostgreSQL \geq 15, 8 GB RAM, 4 CPU (macOS/Windows/Linux supported)	Meets or exceeds specs	A	<input type="checkbox"/>
1.2	Access Accounts Created	Ensure admin , finance1 , viewer1 logins exist	All three users can reach login screen	A	<input type="checkbox"/>
1.3	Backup Snapshot	Run <code>pg_dump -Fc</code> and VM snapshot	Files saved & hash logged	A	<input type="checkbox"/>
1.4	Sample Data Verification	Verify all 24 tables have sample data	Each table has \geq 5 records	A	<input type="checkbox"/>
1.5	Network Configuration	Verify ports 8080 (frontend) and 3000 (API) are accessible	Connections succeed	A	<input type="checkbox"/>
1.6	Application Startup Verified	Run <code>npm run setup</code> then <code>npm run dev</code>	Login screen loads at <code>http://localhost:8080</code>	A	<input type="checkbox"/>

2 Authentication & Security Verification

#	Test Case	Steps	Expected	Role	✓
2.1	Password Hashing	Inspect <code>users.password_hash</code> length 60	Bcrypt hash present	A	<input type="checkbox"/>
2.2	Session Persistence	Login as finance; navigate across multiple pages and tabs	Session maintained	F	<input type="checkbox"/>
2.3	Role Visibility	Settings tab hidden for viewer	No nav item	V	<input type="checkbox"/>
2.4	Change Password minimum length	Open Change Password, try a 6-character password	Rejected; requires ≥ 8 chars	F	<input type="checkbox"/>
2.6	Password Complexity	Try "password123" as new password	Rejected as too weak	F	<input type="checkbox"/>
2.7	Session Persistence	Login, navigate to 5 different pages	Session maintained	F	<input type="checkbox"/>
2.8	Cross-Site Access	Login, open new tab, access app	Session recognized	F	<input type="checkbox"/>
2.9	Role Separation	Viewer attempts to access admin route directly	403 Forbidden	V	<input type="checkbox"/>
2.10	Logout Function	Click logout button	Redirected to login page	A	<input type="checkbox"/>
2.11	Session Invalidation	Logout, try back button	Login page, not app	F	<input type="checkbox"/>
2.13	XSS Protection	Enter <code><script>alert('test')</script></code> in description	Rendered as text, not executed	F	<input type="checkbox"/>
2.14	SQL Injection Protection	Enter <code>' OR 1=1 --</code> in search field	No data leak, proper error	F	<input type="checkbox"/>
2.15	Admin Role Access	Admin accesses Settings → Users	Full CRUD access	A	<input type="checkbox"/>
2.16	Finance Role Access	Finance attempts user management	Read-only or denied	F	<input type="checkbox"/>
2.17	Viewer Role Access	Viewer attempts to post journal entry	Button disabled or hidden	V	<input type="checkbox"/>

Troubleshooting

- Session not expiring → check `SESSION_STORE` table TTL
 - Login issues → verify `connect-pg-simple` session table exists
 - Role issues → check `requireRole` middleware in `auth.js`
-

3 Core Fund Accounting Verification

3.1 Chart of Accounts

#	Procedure	Expected	Role	✓
3.1.1	Navigate Settings → Chart of Accounts	Full list equals <code>gl_accounts.csv</code> count	A	<input type="checkbox"/>
3.1.2	Open random account "4000 – Donations"	Details match import sheet	F	<input type="checkbox"/>
3.1.3	Attempt to inactivate account; cancel	Status unchanged	F	<input type="checkbox"/>
3.1.4	Create new account	Successfully added	A	<input type="checkbox"/>
3.1.5	Edit existing account	Changes saved	A	<input type="checkbox"/>
3.1.6	Filter accounts by classifications	Only matching accounts shown	F	<input type="checkbox"/>
3.1.7	Search for account by description	Matching accounts shown	F	<input type="checkbox"/>
3.1.8	Export account list to CSV	File downloads with all accounts	A	<input type="checkbox"/>
3.1.9	Attempt to delete account with transactions	Error message shown	A	<input type="checkbox"/>
3.1.10	Inactivate unused account	Status changes to Inactive	A	<input type="checkbox"/>

3.2 Funds & Entities

#	Procedure	Expected	Role	✓
3.2.1	Funds page shows total funds = source file	Count correct	F	<input type="checkbox"/>
3.2.2	Select Child Entity, Consolidated toggle	Balances refresh without error	F	<input type="checkbox"/>
3.2.3	Create new fund	Successfully added	A	<input type="checkbox"/>
3.2.4	Edit existing fund	Changes saved	A	<input type="checkbox"/>
3.2.5	Verify fund hierarchy	Parent-child relationships correct	F	<input type="checkbox"/>
3.2.6	Filter funds by type	Only matching funds shown	F	<input type="checkbox"/>
3.2.7	Create entity with parent	Hierarchy updated correctly	A	<input type="checkbox"/>
3.2.8	Enable "Consolidate Children" on entity	Flag set in database	A	<input type="checkbox"/>
3.2.9	View entity hierarchy visualization	Matches database structure	A	<input type="checkbox"/>
3.2.10	Change entity currency	Updates without errors	A	<input type="checkbox"/>

3.3 Journal Entries

#	Procedure	Expected	Role	✓
3.3.1	Create test JE \$100 Dr/Cr, save draft	Status = Draft	F	<input type="checkbox"/>
3.3.2	Post the JE	Trial Balance unchanged (nets 0)	F	<input type="checkbox"/>
3.3.3	Viewer attempts to create JE	Permission denied	V	<input type="checkbox"/>
3.3.4	Create multi-line JE	Debits = Credits, saves successfully	F	<input type="checkbox"/>
3.3.5	Create inter-entity JE	Creates mirror entry in target entity	F	<input type="checkbox"/>
3.3.6	Edit draft JE	Changes saved	F	<input type="checkbox"/>
3.3.7	Attempt to edit posted JE	Not allowed or creates adjustment	F	<input type="checkbox"/>
3.3.8	Import JE batch from CSV	All entries imported correctly	A	<input type="checkbox"/>
3.3.9	Reverse posted JE	Creates offsetting entry	F	<input type="checkbox"/>
3.3.10	Filter JE by date range	Only matching entries shown	F	<input type="checkbox"/>
3.3.11	Search JE by description	Matching entries shown	F	<input type="checkbox"/>
3.3.12	Export JE list to CSV	File downloads with all entries	F	<input type="checkbox"/>
3.3.13	Verify JE audit trail	Shows creator, approver, timestamps	A	<input type="checkbox"/>
3.3.14	Create recurring JE template	Template saved	F	<input type="checkbox"/>
3.3.15	Generate JE from template	Creates new draft JE	F	<input type="checkbox"/>

Common Issues

- **Out-of-balance** → check COA mapping
- **Save error** → browser cache; hard refresh
- **Inter-entity issues** → verify matching accounts exist in both entities

4 Banking Module Verification

4.1 Bank Reconciliation

#	Procedure	Expected	Role	✓
4.1.1	Upload sample OFX (/samples/ofx/bofa.ofx)	Transactions listed	F	<input type="checkbox"/>
4.1.2	Auto-match	95%+ items auto-matched	F	<input type="checkbox"/>
4.1.3	Finish reconciliation	Status = "Reconciled" report PDF generated	F	<input type="checkbox"/>
4.1.4	Create manual match	Transaction matched to bank statement	F	<input type="checkbox"/>
4.1.5	Create reconciliation adjustment	Adjustment JE created automatically	F	<input type="checkbox"/>
4.1.6	Upload CSV statement	Parsed correctly with all transactions	F	<input type="checkbox"/>
4.1.7	Save reconciliation in progress	Work saved, can resume later	F	<input type="checkbox"/>
4.1.8	Generate reconciliation report	PDF shows all matched/unmatched items	F	<input type="checkbox"/>
4.1.9	View reconciliation history	Previous reconciliations listed	F	<input type="checkbox"/>
4.1.10	Verify statement balance calculation	Matches bank statement to penny	F	<input type="checkbox"/>
4.1.11	Unmatch transaction	Returns to unmatched list	F	<input type="checkbox"/>
4.1.12	Test drag-and-drop matching	Transaction matched via drag-drop	F	<input type="checkbox"/>
4.1.13	Filter transactions by amount	Only matching transactions shown	F	<input type="checkbox"/>
4.1.14	Search transactions by description	Matching transactions shown	F	<input type="checkbox"/>
4.1.15	Mark item as cleared without statement	Item status updates to Cleared	F	<input type="checkbox"/>

4.2 Bank Deposits

#	Procedure	Expected	Role	✓
4.2.1	Create deposit with 3 items	Total equals item sum	F	<input type="checkbox"/>
4.2.2	Mark deposit cleared	Cleared date populated	F	<input type="checkbox"/>
4.2.3	Generate deposit slip	PDF formatted correctly	F	<input type="checkbox"/>
4.2.4	Add check to deposit	Item added, total updated	F	<input type="checkbox"/>
4.2.5	Add cash to deposit	Item added, total updated	F	<input type="checkbox"/>
4.2.6	Edit deposit item	Changes saved, total updated	F	<input type="checkbox"/>
4.2.7	Remove deposit item	Item removed, total updated	F	<input type="checkbox"/>
4.2.8	Submit deposit for approval	Status changes to Pending	F	<input type="checkbox"/>
4.2.9	Approve deposit	Status changes to Approved	A	<input type="checkbox"/>
4.2.10	View deposit history	All deposits listed with status	F	<input type="checkbox"/>
4.2.11	Filter deposits by status	Only matching deposits shown	F	<input type="checkbox"/>
4.2.12	Search deposits by description	Matching deposits shown	F	<input type="checkbox"/>
4.2.13	Export deposit list to CSV	File downloads with all deposits	F	<input type="checkbox"/>
4.2.14	Verify deposit JE creation	JE created with correct accounts	F	<input type="checkbox"/>
4.2.15	Print multiple deposit slips	Batch printing works	F	<input type="checkbox"/>

4.3 Check Printing

#	Procedure	Expected	Role	✓
4.3.1	Add check, send to Print Queue	Queue count +1	F	<input type="checkbox"/>
4.3.2	Print to "PDF Printer" test	PDF contains MICR line	F	<input type="checkbox"/>
4.3.3	Create new check format	Format saved with dimensions	A	<input type="checkbox"/>
4.3.4	Edit check format	Changes saved	A	<input type="checkbox"/>
4.3.5	Set default check format	Format set as default	A	<input type="checkbox"/>
4.3.6	Print single check	Check prints correctly	F	<input type="checkbox"/>
4.3.7	Print batch of checks	All checks print with correct numbers	F	<input type="checkbox"/>
4.3.8	Void check	Status changes to Void	F	<input type="checkbox"/>
4.3.9	Reprint voided check	New check number assigned	F	<input type="checkbox"/>
4.3.10	View check register	All checks listed with status	F	<input type="checkbox"/>
4.3.11	Filter checks by status	Only matching checks shown	F	<input type="checkbox"/>
4.3.12	Search checks by payee	Matching checks shown	F	<input type="checkbox"/>
4.3.13	Export check register to CSV	File downloads with all checks	F	<input type="checkbox"/>
4.3.14	Verify check number sequence	No duplicates or gaps	F	<input type="checkbox"/>
4.3.15	Test amount-to-words conversion	"\$1,234.56" → "One thousand two hundred thirty-four and 56/100"	F	<input type="checkbox"/>

4.4 Bank Accounts Management

#	Procedure	Expected	Role	✓
4.4.1	Add new bank account	Account created	A	<input type="checkbox"/>
4.4.2	Edit bank account details	Changes saved	A	<input type="checkbox"/>
4.4.3	Inactivate bank account	Status changes to Inactive	A	<input type="checkbox"/>
4.4.4	Verify routing number validation	Invalid routing numbers rejected	A	<input type="checkbox"/>
4.4.5	Set default bank account	Account set as default	A	<input type="checkbox"/>
4.4.6	View bank account list	All accounts listed	A	<input type="checkbox"/>
4.4.7	Filter bank accounts by type	Only matching accounts shown	A	<input type="checkbox"/>
4.4.8	Search bank accounts by name	Matching accounts shown	A	<input type="checkbox"/>
4.4.9	Export bank account list	File downloads with all accounts	A	<input type="checkbox"/>
4.4.10	Verify account balance calculation	Matches GL balance	A	<input type="checkbox"/>

5 Vendor Payment Verification

#	Procedure	Expected	Role	✓
5.1	Add bank info to vendor ACME	Routing validation passes	A	<input type="checkbox"/>
5.2	Generate ACH batch for 2 vendors	NACHA file created, status "Generated"	F	<input type="checkbox"/>
5.3	Viewer attempts NACHA download	Access denied	V	<input type="checkbox"/>
5.4	Create new vendor	Vendor added to database	A	<input type="checkbox"/>
5.5	Edit vendor details	Changes saved	A	<input type="checkbox"/>
5.6	Add multiple bank accounts to vendor	Accounts added, can select default	A	<input type="checkbox"/>
5.7	Create payment batch	Batch created with selected vendors	F	<input type="checkbox"/>
5.8	Edit payment batch	Changes saved	F	<input type="checkbox"/>
5.9	Approve payment batch	Status changes to Approved	A	<input type="checkbox"/>
5.10	Generate NACHA file	File created with correct format	F	<input type="checkbox"/>
5.11	Verify NACHA file contents	Header/detail/footer records correct	F	<input type="checkbox"/>
5.12	Mark batch as sent	Status changes to Sent	F	<input type="checkbox"/>
5.13	Mark payments as cleared	Status changes to Cleared	F	<input type="checkbox"/>
5.14	View payment history	All payments listed with status	F	<input type="checkbox"/>
5.15	Filter payments by status	Only matching payments shown	F	<input type="checkbox"/>
5.16	Search payments by vendor	Matching payments shown	F	<input type="checkbox"/>
5.17	Export payment list to CSV	File downloads with all payments	F	<input type="checkbox"/>
5.18	Verify payment JE creation	JE created with correct accounts	F	<input type="checkbox"/>
5.19	Test prenote generation	Zero-dollar prenote created	F	<input type="checkbox"/>
5.20	Verify vendor 1099 settings	Tax settings saved correctly	A	<input type="checkbox"/>

6 Reporting Verification

6.1 Standard Financial Reports

#	Test	Expected	Role	✓
6.1.1	Run Income Statement (YTD)	Matches AccuFund totals $\pm 1\text{¢}$	F	<input type="checkbox"/>
6.1.2	Run Balance Sheet	Assets = Liabilities + Equity	F	<input type="checkbox"/>
6.1.3	Run Cash Flow Statement	Beginning + Net = Ending Cash	F	<input type="checkbox"/>
6.1.4	Run Trial Balance	Debits = Credits	F	<input type="checkbox"/>
6.1.5	Run Budget vs. Actual	Variance calculated correctly	F	<input type="checkbox"/>
6.1.6	Export report to PDF	PDF generated correctly	F	<input type="checkbox"/>
6.1.7	Export report to Excel	Excel file contains all data	F	<input type="checkbox"/>
6.1.8	Filter report by date range	Only matching data shown	F	<input type="checkbox"/>
6.1.9	Filter report by fund	Only matching data shown	F	<input type="checkbox"/>
6.1.10	Run consolidated report	All entities included	F	<input type="checkbox"/>

6.2 Custom Reports

#	Test	Expected	Role	✓
6.2.1	Custom Report Builder – build pivot	CSV downloads	A	<input type="checkbox"/>
6.2.2	Create tabular report	Report displays correctly	F	<input type="checkbox"/>
6.2.3	Add calculated column	Formula calculates correctly	F	<input type="checkbox"/>
6.2.4	Add grouping/subtotals	Groups and totals display correctly	F	<input type="checkbox"/>
6.2.5	Add chart to report			