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Orange overlaps with several cases

Grey is not for now

TO DO: cases for manual overrides on processing - modify + approve

TO DO: manual override at the same time as a system change

# Test Cases for Staging

## 1. Market-Driven Changes (System-Suggested Updates)

These changes come directly from **Market Directory File** and reflect the market's latest information.

### a. New Records from the Market

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
TC-001	Approve a new record that exists in the file but not in the database	File contains a new record; no existing DB entry	The new record is inserted into the database.	<p><b>Given</b> a new record is found in the file that is not already in the database,</p> <p><b>When</b> the user approves the new record in the staging area,</p> <p><b>Then</b> the new record is added to the database and marked as <b>active</b>.</p>
TC-002	Reject a new record that exists in the file but not in the database	Same as TC-001	The record is added, <b>marked as inactive and an override prevents future automatic insertion.</b>	<p><b>Given</b> a new record is found in the file that is not already in the database,</p> <p><b>When</b> the user rejects the new record in the staging area,</p> <p><b>Then</b> the record in the database is added to the database and marked as</p>

				<b>inactive</b> , with a flag that indicates a <b>manual override</b> .
<b>TC-003</b>	Activate a new record that matches a previously deactivated record	Previously deleted record exists in DB with inactive flag	System reactivates the existing record instead of creating a duplicate.	<p><b>Given</b> a record has been deactivated (its active flag set to <b>inactive</b>) and a new record is added that matches the deactivated record,</p> <p><b>When</b> the user accepts the new record in the staging area,</p> <p><b>Then</b> the system should check for the deactivated record and reactivate it, setting the active flag back to <b>active</b>.</p>
<b>TC-004</b>	Reject a new record that matches a previously deactivated record	Previously deleted record exists in DB with inactive flag	The record is not activated, and an override prevents future	<p><b>Given</b> a record has been deactivated (its active flag set to <b>inactive</b>) and a new record is</p>

			automatic insertion.	<p>added that matches the deactivated record,</p> <p><b>When</b> the user rejects the new record in the staging area,</p> <p><b>Then</b> the system should check for the deactivated record and reactivate it, setting a flag that indicates a <b>manual override</b></p>
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**b. Updates from the Market (No Manual Overrides in DB)**

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
TC-005	Approve an update for a record that matches the market with no manual changes	Record exists in DB but has no prior manual modifications	Record is updated in the database.	<p><b>Given</b> an existing record in the database matches the updated data in the file,</p> <p><b>When</b> the user approves the update,</p> <p><b>Then</b> the record in the database is updated with the new data from the file.</p>
TC-006	Reject an update for a record that matches the market with no manual changes	Same as TC-005	The record is not updated, and an override prevents future auto-updates.	<p><b>Given</b> an existing record in the database matches the updated data in the file,</p> <p><b>When</b> the user rejects the update,</p> <p><b>Then</b> the system should retain the original data in the database and prevent future automatic</p>

				updates for that record.
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**c. Deletions from the Market**

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
TC-007	Approve a deletion from the file	Record exists in DB but is marked for deletion in File	Record is deactivated in the database (active/inactive flag set to inactive).	<p><b>Given</b> that a record in the system is marked for deletion in the file,</p> <p><b>When</b> the user approves the deletion,</p> <p><b>Then</b> the record should remain in the database but have its active flag set to <b>inactive</b>, and it should no longer appear as active in the system.</p>
TC-008	Reject a deletion from the file	Same as TC-007	Record remains active in the database, and override prevents future automatic deletions.	<p><b>Given</b> that a record in the system is marked for deletion in the file,</p> <p><b>When</b> the user rejects the deletion,</p> <p><b>Then</b> the record should remain in the database but have its active flag set to</p>



				<b>active</b> , setting a flag that indicates a <b>manual override</b> .
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## 2. Market-Driven Changes (User Overrides & Conflict Resolution)

These records have been **previously modified manually**, so changes from **Market Directory Files** need careful handling.

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
TC-009	Approve an update for a record that exists in DB and has manual overrides	Record exists in DB and has manual overrides	System updates the record but logs the change history.	<p><b>Given</b> a record has been manually modified,</p> <p><b>When</b> the system detects an update for that record from the file,</p> <p><b>Then</b> the user should be able to approve the update, which will overwrite the manual change with the new market data.</p>
TC-010	Modify an update for a record that exists in DB and has manual overrides	Same as TC-009	Record is updated with manual modifications, keeping audit history.	
TC-011	Reject an update for a record that exists in DB and has manual overrides	Same as TC-009	Record remains unchanged, and override prevents future automatic updates.	<p><b>Given</b> a record has been manually modified,</p> <p><b>When</b> the system detects an update for that</p>

				<p>record from the file,</p> <p><b>Then</b> the user should be able to reject the update, which will preserve the manual change and prevent the system from</p>
<b>TC-012</b>	Automatic update for a record that exists in DB and has manual overrides, and the update matches the manual overrides	Same as TC-009	Override flag is automatically updated in the database.	<p><b>Given</b> a record has been manually modified,</p> <p><b>When</b> the system detects an update for that record from the file which matches the manual changes,</p> <p><b>Then</b> system sets the <b>manual override</b> flag to <b>None</b>, and user gets notified about the data reconciliation.</p>

**TC-011.**

Opt 1. System compares two Market files to create the deltas, the Manual Overrides are only considered in a second phase of the process; the user only is presented with changes if the Market file changes. i.e:

- User creates a manual override to a record in March 2024.
- Market file from April 2024 does not contain any changes to that record compared to the March 2024 file.
- The system does not flag a change for this record.
- The user is not involved in the process.
- The system does not find any difference in the record until September 2024.
- Record contains an update from August to September 2024.
- The system registers the delta. In a second step, checks that the record has a 'Manual Override' flag.
- The user is presented with the changes for approval.

Opt 2. System compares the Market data to the data base. The Manual Overrides get flagged every month until the Market aligns with the override or the User creates additional changes to align - or time based flag gets set?. i.e:

- User creates a manual override to a record in March 2024.
- Market file from April 2024 does not contain any changes to that record compared to the March 2024 file.
- Market data differs from the data base record which has a manual override.
- User is presented with an update proposal in the staging area in April 2024
- User rejects the update
- A flag is set to not propose this change in 6 months
- A change from the market happens in June 2024 but the change does not align with the manual override
- The user does not get notified about the change until October 2024
- User approves the market change
- The data was outdated for several months

Market data at the time of the Manual Override needs to be stored with the record and compared against

### **3. Manual-Driven Changes**

#### **a. User Creates a New Record**

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
USR-01	User creates a new record manually	The record does not exist in the database (active or inactive)	The system saves the record as <b>user-generated</b> , preventing automatic overwrites by market updates	<p><b>Given</b> the record does not exist,</p> <p><b>When</b> the user creates a new record,</p> <p><b>Then</b> the system saves it as <b>user-generated</b> and prevents automatic overwrites</p>
USR-02	User tries to create a record that already exists as inactive	A record with the same details exists but is inactive	The system prompts the user to reactivate the existing record instead of creating a duplicate	<p><b>Given</b> the record exists but is inactive,</p> <p><b>When</b> the user tries to create a new one,</p> <p><b>Then</b> the system prompts them to <b>reactivate</b> instead</p>
USR-03	User creates a new record, and later a market update for the same entity arrives	The user manually created a record before the market update arrived	The system flags the record as conflicting and asks for user review	<p><b>Given</b> a record exists as <b>user-generated</b>,</p> <p><b>When</b> a market update arrives for the same entity,</p> <p><b>Then</b> the system marks</p>

				it as a conflict and requests user intervention
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**b. User Modifies an Existing Record**

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
USR-04	User manually edits an existing record	The record exists in an active state	The system marks the record as manually override, blocking automatic updates from market files	<p><b>Given</b> a record exists,</p> <p><b>When</b> the user modifies it,</p> <p><b>Then</b> the system marks it as <b>manually override</b> and prevents automatic market updates</p>
USR-05	A market update arrives for a manually modified record	The record has been manually modified in the past	The system alerts the user and presents a side-by-side comparison of manual vs. market data	<p><b>Given</b> a record was manually modified,</p> <p><b>When</b> a market update arrives,</p> <p><b>Then</b> the system prompts the user for review</p>
USR-06	User overrides a previous manual change with a new update	A record already has a manual override	The system logs the new change and allows updates based on the most recent manual input	<p><b>Given</b> a record was already modified by a user,</p> <p><b>When</b> another modification is made,</p> <p><b>Then</b> the system updates the override log</p>

<b>USR-07</b>	User reverts a manual change and wants market updates to resume	The record has been modified manually	The system removes the manual override flag and allows market updates again	<b>Given</b> a record was previously modified,  <b>When</b> the user removes the override,  <b>Then</b> the system restores market updates
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**c. User Deletes a Record (Soft Delete / Deactivation)**



Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
<b>USR-08</b>	User deletes a record	The record exists in an active state	The system deactivates the record instead of removing it	<p><b>Given</b> a record is active,</p> <p><b>When</b> the user deletes it,</p> <p><b>Then</b> the system sets the active flag to '<b>inactive</b>' instead of deleting the data</p>
<b>USR-09</b>	User tries to delete a record but a market update is pending	A market update for the record exists in staging	The system warns the user and requests confirmation before deactivating	<p><b>Given</b> a pending market update exists,</p> <p><b>When</b> the user attempts deletion,</p> <p><b>Then</b> the system prompts a confirmation</p>

#### d. User Reactivates a Deleted Record

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
<b>USR-11</b>	User manually reactivates a previously deleted record	A record exists in inactive status	The system marks the record as active and logs the reactivation	<b>Given</b> a record is inactive, <b>When</b> the user reactivates it, <b>Then</b> the system marks it as active and logs the change
<b>USR-12</b>	Market update arrives for a deactivated record	The record exists but is inactive	The system does not automatically reactivate the record—user intervention is required	<b>Given</b> a record is inactive, <b>When</b> a market update arrives, <b>Then</b> the system does not reactivate it without user approval
<b>USR-13</b>	User requests full audit history of a deactivated record	A record exists and has been modified manually or by the market	The system provides a log of manual and market-driven changes, showing deactivation and reactivation timestamps	<b>Given</b> a record has history, <b>When</b> the user requests an audit log, <b>Then</b> the system provides a complete change history

## e. Conflict Resolution Between Market and User-Generated Changes

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
USR-15	User accepts the market update despite a previous manual change	A conflicting market update exists	The system updates the record and removes the manual override flag	<b>Given</b> a conflicting market update exists, <b>When</b> the user accepts it, <b>Then</b> the system updates the record and resumes market-driven updates
USR-16	User rejects the market update and keeps the manual version	A conflicting market update exists	The system blocks future automatic updates for the modified fields	<b>Given</b> a conflicting market update exists, <b>When</b> the user rejects it, <b>Then</b> the system prevents future updates to the affected fields

## f. Logging & Audit Requirements

Test Case ID	Scenario	Preconditions	Expected Result	Acceptance Criteria (BDD)
USR-17	User modifies a record	The record exists	The system logs who changed what and when	<b>Given</b> a record exists,  <b>When</b> the user modifies it,  <b>Then</b> the system logs the change with timestamps

## 4. Approval Workflow (Publishing Changes to Production)

Once changes are reviewed, they must go through **4-eye approval** before being published.

Test Case ID	Scenario	Preconditions	Expected Result
TC-012	Perform a 4-eye check approval	First user has submitted changes	Changes are published to production.
TC-013	Reject changes during the 4-eye check	Same as TC-012	Changes are returned for re-evaluation.