UseCaseID	UCVR016
Module	VoteCalVoterRegistration
SubModule	
Summary	Process VoteCal supplied duplicate voter
Description	VoteCal sends potential duplicate matches to the County EMS. Users may view potential voter record matches, validate a voter match, and decline or accept matches.
Trigger Events	
Precondition	• VoteCal has sent a potential soft match between two (2) or more voters in the EMS • User has performed use case "Search for pending VoteCal voter records" within the potential duplicate category • User has appropriate security role permissions
ExpectedResult	1. User can validate the potential match. 2. The potential duplicate records have been processed: 2.1. A match will merge voter records. 2.2. Non-matching records will be untouched
DetailedProcessFlow	1. The system shall display a side-by-side comparison of fields. 1.1. The primary record for comparison shall be the one with the most recent registration date and latest editing date. 1.2. All fields in a voter registration are relevant for comparison but specifically these fields: 1.2.1. Driver license Number 1.2.2. Names (First, middle, last) 1.2.3. Current Addresses (residence and mailing) 1.2.4. Date of Birth 1.2.5. SSN4 1.2.6. Signature 1.2.7. Voting history 1.2.8. Email addresses 1.2.9. Phone numbers 1.2.10. Birth place 1.2.11. Party 1.2.12. Registration date 1.2.13. Last date/time edited 1.2.14. Gender 1.2.15. Additional fields should include 1.2.15.1. Prior Addresses (residence and mailing) 1.2.15.2. Name portions, phonetic, nicknames and hypocorisms 1.3. The system shall make any field(s) that match visually distinct for user 1.4. The system should allow suppression of any field where compared records are mutually missing information 1.5. If any record has more recent changes than the 2. User select if record(s) are a positive match 3. System processes the record 3.1. If the user has confirmed a match the records should be merged: 3.1.1. The primary record shall be the "kept" record.

	3.1.1.1. Voter history and comments should be assigned to the surviving record 3.1.1.2. Signatures and affidavits from non-surviving records should be assigned to kept record. 3.1.1.3. The primary record keeps its EMS voter ID. 3.1.1.4. The reason code should be changed to "merged voter kept" 3.1.2.If there is key data missing in the kept record that is in the matched record that data should carry over: 3.1.2.1. Driver License 3.1.2.2. SSN4 3.1.2.3. Birth date 3.1.2.4. Confidential status 3.1.2.5. HAVA ID status 3.1.2.6. Birthplace 3.1.2.7. Email 3.1.2.8. Phone number 3.1.3.The non-survivor record's status should be changed to "cancelled" and the reason code changed to "merged voter cancelled" 3.1.4.System should validate changes to the voter record according to conformance to data type, content and conformance to election law. 3.1.5. System alerts user to any deficiencies in voter record and provides user with specific resolution instructions to correct any deficiencies 3.1.6. System should autocorrect or alert user to any record deficiency that would result in a VoteCal record fault. 3.1.7.System updates local data tables and sends updates to VoteCal. 3.1.8.System shall log all changes to voter records in a transaction table 3.2. If the user denied a match no changes are made to records 3.3. System updates local data tables and sends updates to VoteCal. 3.4. Potential match is marked as processed and removed from unprocessed queue. 3.5. Match outcome is sent to VoteCal 3.6. System shall log all changes to voter record in a transaction table.
AlternateFlow	
Related Use cases	1. Apply affidavit 2. Process Responses to Notices/mailings 3. Merge voter 4. Confidential Voter 5. Manage Duplicates 6. Manage Felon/Incompetent
Related Requirements	1. The system shall allow user to print letters and labels, including but not limited to: voter mailing address labels, letters of registration deficiency and ballot label. 2. System shall maintain an unlimited history of signatures tied to a voter's registration record. 3. System shall maintain history of prior voter names and addresses 4. System shall store unlimited comments in comments. 5. System shall issue 8D2 or VNC card as appropriate 6. System shall contact voter via email or SMS when a relevant change to voter information occurs.

Parent	
Requirements	UCVR016-01 The System shall display a side-by-side comparison of fields.
	1. The primary record for comparison shall be the one with the most recent registration date and latest editing date.
	2. All fields in a voter registration are relevant for comparison but specifically these fields:
	2.1. Driver license Number
	2.2. Names (First, middle, last)
	2.3. Current Addresses (residence and mailing)
	2.4. Date of Birth
	2.5. SSN4
	2.6. Signature
	2.7. Voting history
	2.8. Email addresses
	2.9. Phone numbers
	2.10. Birth place
	2.11. Party
	2.12. Registration date
	2.13. Last date/time edited
	2.14. Gender
	2.15. Additional fields should include
	2.16. Prior Addresses (residence and mailing)
	2.17. Name portions, phonetic, nicknames and hypocorisms
	UCVR016-02 The System shall make any field(s) that match visually distinct for user
	UCVR016-03 The System should allow suppression of any field where compared records are mutually missing information
	UCVR016-04 The System should processes the record
	UCVR016-05 The System should validate changes to the voter record according to conformance to data type, content and conformance to election law.
	UCVR016-06 The System alerts user to any deficiencies in voter record and provides user with specific resolution instructions to correct any deficiencies
	UCVR016-07 The System should autocorrect or alert user to any record deficiency that would result in a VoteCal record fault.
	UCVR016-08 The System must updates local data tables and sends updates to VoteCal.
	UCVR016-09 The System shall log all changes to voter records in a transaction table
RequirementID	
Risk	[List of Risk IDs]
Actors	[Actors that use Use Case]
Documents	[List of documentation name, Link or location]
Author	Stephen Murray 20181226
Signoff	Election operations management
Date	[Date Signed off as Complete]