**Section: Actors**

* Broker team member
* Agency user
* Data user
* UI designer
* Developer

**Section: Goals**

Identify any goals explicitly mentioned in the user stories enclosed between triple back ticks as well as any implicit goals. It is critical that you answer only as a bulleted list and do not include any explanation.

* Update SQL codes for clarity
* Derive all data elements properly
* Add 00\*\*\*\*\* and 00FORGN PPoPCode cases to the derivation logic
* See office names derived from office codes
* Begin user testing
* Ensure that attempts to correct or delete non-existent records do not create new published data

**Section: IE Links for Goals**

* Broker team member: Update SQL codes for clarity, Add 00\*\*\*\*\* and 00FORGN PPoPCode cases to the derivation logic
* Agency user: Derive all data elements properly
* Data user: See office names derived from office codes
* UI designer: Begin user testing
* Developer: Ensure that attempts to correct or delete non-existent records do not create new published data

**Section: Tasks for Goals**

Update SQL codes for clarity:

* Review existing SQL codes
* Identify areas for improvement
* Modify SQL codes for clarity

Derive all data elements properly:

* Review the current process for deriving data elements
* Identify any missing or improperly derived data elements
* Develop and implement a process for proper derivation of all data elements

Add 00\*\*\*\*\* and 00FORGN PPoPCode cases to the derivation logic:

* Analyze the derivation logic for existing cases
* Integrate the 00\*\*\*\*\* and 00FORGN PPoPCode cases into the derivation logic

See office names derived from office codes:

* Assess the current system for deriving office names
* Develop a mechanism to match office codes with their corresponding names

Begin user testing:

* Prepare user testing plan
* Identify stakeholders for user testing
* Execute user testing plan

Ensure that attempts to correct or delete non-existent records do not create new published data:

* Review the existing process for record correction and deletion
* Implement safeguards to prevent creation of new published data during correction or deletion

**Section: IE Links for Tasks of Goals**

Broker team member:

* Update SQL codes for clarity
* Add 00\*\*\*\*\* and 00FORGN PPoPCode cases to the derivation logic

Agency user:

* Derive all data elements properly

Data user:

* See office names derived from office codes

UI designer:

* Begin user testing

Developer:

* Ensure that attempts to correct or delete non-existent records do not create new published data

**Section: Soft Goals**

* Improve code readability
* Enhance data element derivation accuracy
* Ensure proper handling of non-existent records
* Validate stakeholder UI improvement requests via user testing

**Section: IE Links for Soft Goals**

Broker team member:

* Improve code readability
* Add 00\*\*\*\*\* and 00FORGN PPoPCode cases to the derivation logic
* Ensure proper handling of non-existent records

Agency user:

* Enhance data element derivation accuracy

Data user:

* See office names derived from office codes

UI designer:

* Validate stakeholder UI improvement requests via user testing

**Section: Tasks for Soft Goals**

Improve code readability:

* Review and refactor SQL code structure
* Implement naming conventions for consistency
* Document code for future reference

Enhance data element derivation accuracy:

* Develop data validation rules
* Implement automated data reconciliation processes
* Conduct data quality audits

Ensure proper handling of non-existent records:

* Create error handling mechanisms
* Establish record verification procedures
* Implement safeguards against unintended data changes

Validate stakeholder UI improvement requests via user testing:

* Create user testing plan
* Engage stakeholders in user feedback sessions
* Document and address UI improvement requests

**Section: IE Links for Tasks of Soft Goals**

Broker team member:

* Review and refactor SQL code structure
* Implement naming conventions for consistency
* Create error handling mechanisms

Agency user:

* Develop data validation rules
* Implement automated data reconciliation processes

Data user:

* Establish record verification procedures
* Conduct data quality audits

UI designer:

* Create user testing plan
* Engage stakeholders in user feedback sessions

**Section: Contribution Links**

* MAKE::SoftGoal: Improve SQL code clarity : Task: Review existing SQL code structure
* MAKE::SoftGoal: Improve SQL code clarity : Task: Rewrite unclear or convoluted SQL code segments
* MAKE::SoftGoal: Enhance derivation logic for 00\*\*\*\*\* and 00FORGN PPoPCode cases : Task: Develop and implement logic for handling 00\*\*\*\*\*
* MAKE::SoftGoal: Enhance derivation logic for 00\*\*\*\*\* and 00FORGN PPoPCode cases : Task: Develop and implement logic for handling 00FORGN PPoPCode
* MAKE::SoftGoal: Ensure proper data derivation for all elements : Task: Conduct an audit of current data derivation processes
* MAKE::SoftGoal: Ensure proper data derivation for all elements : Task: Identify areas where data elements are not being properly derived
* MAKE::SoftGoal: Achieve clear understanding of office names derived from office codes : Task: Map office codes to corresponding office names
* MAKE::SoftGoal: Achieve clear understanding of office names derived from office codes : Task: Verify accuracy of office names derivation process
* MAKE::SoftGoal: Validate and address stakeholder UI improvement requests : Task: Document all stakeholder UI improvement requests
* MAKE::SoftGoal: Validate and address stakeholder UI improvement requests : Task: Prioritize UI improvement requests based on stakeholder feedback
* MAKE::SoftGoal: Maintain data integrity while correcting or deleting non-existent records : Task: Implement validation checks for data correction or deletion processes
* MAKE::SoftGoal: Maintain data integrity while correcting or deleting non-existent records : Task: Develop error handling mechanisms for non-existent record scenarios

**Section: Dependencies Links**

* SoftGoal DEPENDS-ON Task FOR Review existing SQL code structure

SoftGoal DEPENDS-ON Task FOR Rewrite unclear or convoluted SQL code segments

* SoftGoal DEPENDS-ON Task FOR Develop and implement logic for handling 00\*\*\*\*\*
* SoftGoal DEPENDS-ON Task FOR Develop and implement logic for handling 00FORGN PPoPCode
* SoftGoal DEPENDS-ON Task FOR Conduct an audit of current data derivation processes
* SoftGoal DEPENDS-ON Task FOR Implement necessary changes to ensure accurate data derivation
* SoftGoal DEPENDS-ON Task FOR Map office codes to corresponding office names
* SoftGoal DEPENDS-ON Task FOR Verify accuracy of office names derivation process
* SoftGoal DEPENDS-ON Task FOR Document all stakeholder UI improvement requests
* SoftGoal DEPENDS-ON Task FOR Prioritize UI improvement requests based on stakeholder feedback
* SoftGoal DEPENDS-ON Task FOR Implement validation checks for data correction or deletion processes
* SoftGoal DEPENDS-ON Task FOR Develop error handling mechanisms for non-existent record scenarios

**Section: Decomposition Links**

* OR DECOMPOSITION::Goal: Improve SQL code clarity : Tasks: Review existing SQL code structure, Rewrite unclear or convoluted SQL code segments
* AND DECOMPOSITION::SoftGoal: Ensure proper data derivation for all elements : Tasks: Conduct an audit of current data derivation processes, Implement necessary changes to ensure accurate data derivation
* AND DECOMPOSITION::Goal: Achieve clear understanding of office names derived from office codes : Tasks: Map office codes to corresponding office names, Verify accuracy of office names derivation process
* OR DECOMPOSITION::SoftGoal: Validate and address stakeholder UI improvement requests : Tasks: Document all stakeholder UI improvement requests, Prioritize UI improvement requests based on stakeholder feedback
* AND DECOMPOSITION::SoftGoal: Maintain data integrity while correcting or deleting non-existent records : Tasks: Implement validation checks for data correction or deletion processes, Develop error handling mechanisms for non-existent record scenarios