# Stored Procedures Requiring Refactoring Review

This document contains detailed technical analysis of stored procedures with complexity scores greater than 3. These procedures have been flagged for potential refactoring to improve maintainability, performance, and code quality.

## uspSearchCandidateResumes (Complexity: 4)

### Business Function

The stored procedure 'uspSearchCandidateResumes' serves the business function of searching through candidate resumes based on a provided search string, with options to use inflectional forms of words and/or a thesaurus for more comprehensive results. It works with data from the 'JobCandidate' table in the 'HumanResources' database, specifically the 'JobCandidateID' and 'RANK' fields, and produces a list of candidate IDs and their corresponding ranks based on the search criteria. The procedure implements business rules to handle different search scenarios: if both inflectional and thesaurus options are selected, it uses a 'FREETEXTTABLE' search; if only the thesaurus option is selected, it uses a 'CONTAINSTABLE' search with thesaurus forms; if only the inflectional option is selected, it uses a 'CONTAINSTABLE' search with inflectional forms; and if neither option is selected, it performs a basic 'CONTAINSTABLE' search.

### Complexity Factors

Lines of Code: 56

Contributing Factors: Contains JOIN operations (1.5x multiplier); Contains conditional logic; Calls other procedures/functions; Creates database objects; Medium-sized procedure (56 lines)

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## Summary

Total procedures analyzed: 10  
Procedures flagged for refactoring review: 1  
Percentage requiring attention: 10.0%