

# ■ PROJECT ANALYSIS REPORT

**Project:** selected\_project

**Files Analyzed:** 13

**Total Complexity Score:** 77

## ■ Project Summary

Project contains 13 code files with 1013 total lines of code. File types: 7 .js, 1 .html, 2 .css, 6 .jsx. Total cyclomatic complexity: 77. This report provides detailed analysis of code complexity and quality metrics.

## ■ Complexity Analysis

Total Functions: 42 Average Complexity: 1.83 Max Complexity: 6 Average LOC: 13.17 Total LOC: 553

## ■ Top Complex Functions

(anonymous) - CC: 6 - LOC: 29 - File: auth.js  
(anonymous) - CC: 6 - LOC: 32 - File: auth.js  
(anonymous) - CC: 6 - LOC: 13 - File: Dashboard.jsx  
JSON.stringify - CC: 4 - LOC: 17 - File: AuthForm.jsx  
Dashboard - CC: 4 - LOC: 44 - File: Dashboard.jsx  
(anonymous) - CC: 3 - LOC: 6 - File: AuthForm.jsx  
(anonymous) - CC: 3 - LOC: 9 - File: Dashboard.jsx  
(anonymous) - CC: 3 - LOC: 9 - File: Dashboard.jsx  
(anonymous) - CC: 3 - LOC: 76 - File: Dashboard.jsx  
return - CC: 3 - LOC: 127 - File: UserDetailsForm.jsx

## ■ Code Quality Suggestions

Based on complexity analysis: • 3 functions are very long (>50 LOC). Consider splitting them. • Add comments to complex algorithms for better maintainability. • Consider adding unit tests for critical functions. • Regular code reviews can help maintain code quality.