

# CASE STUDY

## OVERVIEW

RAZOR is a named partner on a Large Federal Program contracted to support in its modernization and transformation efforts. This initiative will allow the most efficient use of technology to transform the Federal Program in providing healthcare to it's members and reducing the backlog of benefit claims to deliver real value to America's taxpayers.

### Large Federal Program

Build a Robust and Scalable Automated Testing Framework that Adapts to the Dynamic Nature of the Federal Project

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## PROBLEM

Create a structured test plan with cases derived from user stories, leveraging both manual and automated testing methodologies. The testing process aims to generate valuable data, document results, and communicate any defects to the development team for continuous improvement.

## SOLUTION

A comprehensive test plan is built, outlining the testing scope, objectives, resources required, and timeline for execution. Test cases cover various scenarios to ensure thorough coverage.

## RESULT

Combining automated testing, microservices testing, and comprehensive documentation, our approach ensures that the software within the project meets high-quality standards that exceed client expectations.

### BENEFITS

- **EFFICIENCY:** Automation streamlines repetitive testing tasks, allowing testers to focus on more complex scenarios
- **EARLY DEFECT DETECTION:** Automated testing facilitates early identification of defects, reducing the cost of fixing issues in later stages of development
- **SCALABILITY:** The automated framework is designed to handle the scalability needs of the project, accommodating future enhancements and updates