

Test Plan Document

1. Document Information

- Project: Availity Essentials Feature Updates
- Version: 1.0
- Date: April 19, 2025
- Prepared By: Nicole Nealy
- Department: Quality Assurance

2. Introduction

2.1 Purpose

This Test Plan outlines the comprehensive testing approach for the recent Availity Essentials platform feature updates, including remittance viewing, claims status inquiry, and portal consolidation.

2.2 Objectives

- Ensure complete functional validation of new features
- Verify system performance and reliability
- Validate user experience and interface
- Identify and document potential defects

3. Scope of Testing

3.1 In-Scope Features

1. Remittance Viewing Functionality
2. Claims Status Inquiry Feature
3. Virginia Premier Portal Consolidation

3.2 Out-of-Scope

- Third-party system integrations
- Historical data beyond specified ranges
- External system performance

4. Testing Strategies

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4.1 Testing Types

1. Functional Testing

- Validate all feature requirements
- Verify user interactions
- Test positive and negative scenarios

2. User Acceptance Testing (UAT)

- Simulate real-world user scenarios
- Validate ease of use
- Gather user experience feedback

3. Performance Testing

- Response time verification
- Concurrent user access testing
- Load handling capabilities

4. Security Testing

- Authentication and authorization checks
- Data privacy verification
- Access control validation

5. Compatibility Testing

- Cross-browser testing
- Device compatibility
- Responsive design verification

5. Test Environment

5.1 Test Environment Details

- Environment Type: Staging/Pre-Production
- Access Method: Web-based application
- Browsers:

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- Chrome (Latest version)
- Firefox (Latest version)
- Safari (Latest version)
- Microsoft Edge (Latest version)

5.2 Test Data Requirements

- Simulated provider accounts
- Sample claims data
- Mock remittance documents
- Test user credentials with various access levels

6. Test Tools

6.1 Testing Tools

- Test Management: Jira with Zephyr
- Automation: Katalon Studio (limited scope)
- API Testing: Postman
- Performance Testing: JMeter
- Cross-Browser Testing: BrowserStack
- Defect Tracking: Jira

7. Test Deliverables

1. Test Plan Document
2. Test Cases and Test Scenarios
3. Test Data Preparation Document
4. Defect Reports
5. Test Execution Logs
6. Test Summary Report
7. Requirement Traceability Matrix (RTM)

8. Defect Management

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8.1 Defect Reporting Process

- All defects to be logged in Jira
- Severity and priority classification
- Detailed reproduction steps
- Screenshots/screen recordings
- Assignment to appropriate development team

8.2 Defect Severity Levels

- Critical: Blocks critical functionality
- High: Significant feature impairment
- Medium: Moderate impact on user experience
- Low: Minimal impact, cosmetic issues

9. Test Schedule

9.1 Estimated Timeline

- Test Preparation: 3 days
- Test Case Design: 2 days
- Test Execution: 5 days
- Defect Verification: 2 days
- Regression Testing: 1 day

9.2 Milestones

1. Test Plan Approval
2. Test Case Preparation Completion
3. Initial Test Execution
4. Defect Reporting
5. Defect Resolution Verification
6. Final Sign-off

10. Risks and Mitigations

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10.1 Potential Risks

- Incomplete requirement documentation
- Complex user authentication flows
- Data migration challenges
- Performance bottlenecks

10.2 Mitigation Strategies

- Continuous communication with stakeholders
- Detailed test scenario preparation
- Comprehensive test data management
- Phased testing approach

11. Resource Requirements

11.1 Testing Team

- 1 QA Lead
- 2 QA Analysts
- 1 Performance Testing Specialist

11.2 Required Skills

- Web application testing
- Healthcare domain knowledge
- Proficiency in test management tools
- Understanding of healthcare data privacy

12. Approvals

- Prepared By: Nicole Nealy
- QA Manager: [To be filled]
- Project Manager: [To be filled]
- Date: April 19, 2025

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13. Revision History

- Version 1.0 - Initial Draft

14. Appendices

- Detailed Test Scenarios (to be developed)
- Test Environment Configuration Details
- Additional Reference Documents