

# Intermediate progress test keys pearson longman Updated Version

**intermediate progress test keys pearson longman** are essential tools for educators and students aiming to assess language proficiency levels accurately. Developed by Pearson Longman, a globally recognized publisher of educational materials, these test keys accompany intermediate-level assessments designed to evaluate learners' understanding of grammar, vocabulary, reading comprehension, and overall language skills. In this comprehensive guide, we delve into the significance of these test keys, their structure, benefits, and how they can be effectively utilized to enhance the learning process.

## Understanding the Role of Intermediate Progress Test Keys Pearson Longman

### What Are Intermediate Progress Test Keys?

Intermediate progress test keys Pearson Longman are answer keys provided alongside standardized tests tailored for learners at an intermediate proficiency level in English. These keys serve as a reference for teachers and examiners to quickly and accurately score student responses, ensuring consistency and fairness in evaluation.

### Purpose of Using Test Keys

The primary purpose of these test keys includes:

- Facilitating efficient grading of assessments
- Providing immediate feedback to students
- Identifying areas where learners need improvement
- Supporting data-driven instruction and curriculum adjustments

## Structure of Pearson Longman Intermediate Progress Tests

### Test Components

Intermediate progress tests by Pearson Longman are typically structured to cover multiple language skills, including:

- Grammar and Vocabulary
- Reading Comprehension
- Listening Skills
- Writing Tasks
- Speaking (if applicable)

Each section is carefully designed to align with the Common European Framework of Reference for Languages (CEFR) standards, ensuring that assessments are appropriate for the targeted proficiency level.

## Sample Test Format

A typical intermediate progress test might include:

- Multiple-choice questions assessing grammar and vocabulary
- Short passages followed by comprehension questions
- Fill-in-the-blank exercises
- Writing prompts requiring a paragraph or short essay
- Listening passages with accompanying questions (if audio components are included)

Having a detailed answer key simplifies the grading process across these diverse question types.

## Benefits of Using Pearson Longman Intermediate Progress Test Keys

### Accuracy and Consistency

Using official answer keys ensures that grading is standardized, reducing subjective biases that might occur with manual marking. This consistency is crucial for maintaining fairness, especially in large classrooms or standardized testing environments.

### Time Efficiency

Teachers can save considerable time by referencing the test keys rather than manually checking each answer. This efficiency allows educators to focus more on instructional activities and student support.

### Immediate Feedback and Student Motivation

Quickly providing students with their scores and correct answers fosters a learning environment where learners understand their mistakes and can work on specific areas for improvement.

## Data-Driven Instruction

Analysis of test results, supported by accurate keys, helps educators identify common challenges among students, enabling targeted instruction and tailored remedial activities.

## How to Effectively Use Intermediate Progress Test Keys Pearson Longman

### Step-by-Step Process

- **Administer the Test:** Conduct the assessment under standardized conditions to ensure fairness.
- **Collect Student Responses:** Gather answer sheets or digital submissions.
- **Use the Answer Key:** Refer to the Pearson Longman test key to evaluate each response systematically.
- **Record Scores:** Maintain accurate records for each student, noting strengths and weaknesses.
- **Provide Feedback:** Share results with students, highlighting areas for improvement and encouraging further learning.
- **Analyze Data:** Use aggregated results to inform future lesson planning.

### Tips for Maximizing Effectiveness

- Ensure familiarity with the test structure and answer key beforehand.
- Use rubrics alongside the answer key for subjective questions like writing and speaking.
- Incorporate formative assessments regularly to monitor progress continuously.
- Encourage peer review and self-assessment using the answer keys as guides.

## Availability and Access to Pearson Longman Intermediate Progress Test Keys

### Where to Find the Test Keys

These keys are typically included in official test packages or available through Pearson's online platforms. Educators can access them by:

- Purchasing official assessment kits
- Registering on Pearson's educator portal
- Requesting supplementary materials from authorized distributors

## Digital vs. Printed Formats

With technological advancements, many Pearson Longman assessments and their keys are available in digital formats, facilitating easier distribution and quicker grading. Digital platforms may also include automated scoring features for multiple-choice questions.

## Best Practices for Using Intermediate Progress Test Keys Pearson Longman

### Ensure Proper Training

Teachers should undergo training to understand the nuances of the test structure and answer keys, especially for open-ended questions requiring subjective judgment.

### Maintain Confidentiality

Test keys should be kept secure to prevent misuse or accidental exposure, preserving the integrity of the assessment process.

### Integrate with Holistic Assessment

While test keys are valuable tools, they should complement other assessment methods like portfolio assessments, project work, and class participation for a comprehensive evaluation.

## Conclusion

**intermediate progress test keys pearson longman** are indispensable resources for effective language assessment at the intermediate level. They streamline the grading process, ensure consistency, and provide valuable insights into student progress. When used appropriately, these keys empower educators to deliver targeted instruction, motivate learners, and ultimately improve language proficiency outcomes. As the educational landscape continues to evolve with digital innovations, Pearson Longman's assessment tools and their answer keys remain vital components in fostering effective language learning environments.

**Keywords:** intermediate progress test keys Pearson Longman, language assessment, language proficiency, test scoring, Pearson Longman assessments, grading tools, English language testing, student evaluation, language learning assessment

Intermediate Progress Test Keys Pearson Longman serve as an essential resource for educators and students engaged in intermediate-level language learning. Designed to complement Pearson Longman's comprehensive curriculum, these test keys provide detailed answers and guidance for

assessments, enabling teachers to accurately evaluate student progress and reinforce learning objectives. As an integral part of the assessment toolkit, they facilitate effective instruction, targeted feedback, and structured exam preparation, making them invaluable for both classroom and self-study contexts.

## Overview of Intermediate Progress Test Keys Pearson Longman

The Intermediate Progress Test Keys Pearson Longman are specifically tailored to align with the content and skills covered in Pearson Longman's intermediate English language courses. These test keys are typically provided alongside practice tests, mock exams, and assessment materials, serving as a reliable guide for grading and feedback.

## Purpose and Usage

These test keys are primarily used by teachers to:

- Quickly and accurately mark student responses
- Provide detailed explanations for correct and incorrect answers
- Identify areas of strength and weakness
- Prepare students for standardized assessments and exams

For students, the keys serve as a self-study resource, allowing them to check their answers, understand mistakes, and reinforce learning.

## Features of Pearson Longman Intermediate Progress Test Keys

- Comprehensive Answer Keys

The core feature of these test keys is their detailed answer keys, which include:

- Correct responses for multiple-choice, fill-in-the-blank, short-answer, and essay questions
- Explanations for why certain answers are correct
- Clarifications on common misconceptions

- Additional Teaching Notes

Besides the answer keys, many editions include:

- Tips for administering tests effectively
- Suggested scoring rubrics
- Recommendations for follow-up activities based on test results

- Alignment with Curriculum

The test keys are meticulously aligned with Pearson Longman's curriculum, ensuring coherence between teaching materials and assessments. They reflect the learning objectives at the intermediate level, covering skills such as reading comprehension, vocabulary, grammar, listening, and writing.

- Ease of Use

Designed for practical classroom application, these keys are organized logically, allowing teachers to locate answers swiftly and efficiently. The layout often includes:

- Clear numbering matching the test questions
- Segregated sections for different skills
- Quick-reference guides for challenging areas

## Benefits of Using Pearson Longman Intermediate Progress Test Keys

### Accurate Assessment and Feedback

Using these keys enables teachers to provide precise evaluations, which are crucial for student motivation and improvement. The detailed explanations help students understand their mistakes and learn correct concepts.

### Time-Saving for Educators

Preparing assessments and grading can be time-consuming. The test keys streamline this process, reducing grading time and allowing teachers to focus more on instruction.

### Supporting Differentiated Instruction

By analyzing test results with the keys, teachers can identify individual student needs, enabling tailored instruction and targeted remedial activities.

## Enhancing Student Self-Assessment

Students can use the keys to check their answers independently, fostering autonomous learning and self-evaluation skills.

## Limitations and Challenges

While the Intermediate Progress Test Keys Pearson Longman are valuable, they do have some limitations:

- Limited to Specific Curricula: They are most effective when used with Pearson Longman's materials and may not be directly transferable to other curricula.
- Potential Over-Reliance: Teachers and students might become overly dependent on answer keys, potentially hindering the development of critical thinking.
- Variability in Test Design: Since tests vary in style and difficulty, some keys may not perfectly align with all versions of assessments used by different educators.

## Practical Tips for Effective Use

### For Teachers:

- Use the answer keys as a guide rather than a strict script; adapt feedback to individual student needs.
- Combine test results with formative assessments to get a comprehensive understanding of student progress.
- Use the explanations in the keys to prepare reinforcement activities focused on common mistakes.

### For Students:

- Review answers critically, not just to check correctness but to understand reasoning.
- Revisit explanations in the answer keys to clarify doubts and solidify understanding.
- Use the keys as part of a broader study plan, including practice exercises and reading.

## Comparing Pearson Longman Test Keys with Other Resources

When evaluating intermediate progress test keys, it's helpful to consider how Pearson Longman's offerings compare to other publishers:

| Feature | Pearson Longman | Other Publishers |

|---|---|---|

| Curriculum Alignment | Highly aligned with Pearson courses | Varies; may require adaptation |

| Detail of Explanations | Extensive and pedagogically sound | Varies; sometimes limited |

| Ease of Use | User-friendly, organized layout | Can be inconsistent |

| Additional Resources | Includes teaching tips and scoring guides | May lack supplementary materials |

Overall, Pearson Longman's test keys stand out for their quality, thoroughness, and alignment with curriculum standards.

## Conclusion

The Intermediate Progress Test Keys Pearson Longman are a vital component of effective language assessment at the intermediate level. They offer detailed, accurate answer guides that streamline grading, enhance feedback, and support targeted instruction. When used thoughtfully, these keys can significantly improve the teaching and learning experience by providing clarity, saving time, and fostering student autonomy.

Educators and students alike benefit from the structured approach these keys facilitate, making them a recommended resource for intermediate English language courses. While they are not a substitute for comprehensive teaching strategies, they serve as an excellent complement to classroom instruction, ensuring assessments are fair, reliable, and instructive.

In summary, investing in these test keys can contribute to more effective evaluation practices, greater student engagement, and ultimately, improved language proficiency at the intermediate level.

**QuestionAnswer** How can I access the answer keys for the Pearson Longman Intermediate Progress Tests? You can access the answer keys through your teacher account on the Pearson Longman platform or by visiting the official Pearson Longman website under the 'Resources' section for educators. Are the Intermediate Progress Test keys suitable for self-study students? While the answer keys are primarily designed for teachers, some versions or sample key sheets may be available for students to facilitate self-assessment. It's best to consult your instructor or the official resources for guidance. What is the best way to use Pearson Longman Intermediate Progress Test keys for exam preparation? Use the answer keys to check your completed practice tests,

understand your mistakes, and focus on areas needing improvement. Combining this with review of lesson materials enhances your exam readiness. Are there any online resources or practice tests related to Pearson Longman Intermediate Progress Tests? Yes, Pearson Longman offers supplementary online practice tests and resources that can be used alongside the progress tests to reinforce learning and track progress. Can I find updated or new versions of the Intermediate Progress Test keys for Pearson Longman? Updated versions of the test keys are released periodically. It's recommended to check the official Pearson Longman website or contact your instructor to ensure you have the most current and accurate answer keys.

**Related keywords:** intermediate progress test answers, Pearson Longman practice tests, language assessment keys, English exam answer keys, Pearson student resources, language proficiency test solutions, Pearson Longman test booklet answers, English progress test keys, Pearson language assessment materials, exam answer key PDFs

## MICROSOFT TEST MANAGER TUTORIAL

### Microsoft Test Manager Tutorial: A Comprehensive Guide to Efficient Test Management

In the world of software development, ensuring the quality and reliability of your applications is paramount. Microsoft Test Manager (MTM) is a powerful tool designed to streamline the testing process, enabling teams to plan, execute, and track testing efforts with ease. Whether you're a beginner or looking to enhance your testing workflows, this **Microsoft Test Manager tutorial** will provide you with a step-by-step guide to harnessing MTM's full potential for your projects.

## Understanding Microsoft Test Manager

Before diving into the tutorial, it's essential to grasp what Microsoft Test Manager is and how it integrates into the broader Visual Studio ecosystem.

### What is Microsoft Test Manager?

Microsoft Test Manager is a test management tool integrated with Visual Studio Team Services (VSTS) and Azure DevOps. It provides an intuitive interface for managing test plans, creating and executing test cases, and tracking testing progress. MTM supports both manual and exploratory testing, making it versatile for various testing scenarios.

### Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Execute manual tests and record results efficiently.
- Test Tracking: Monitor testing progress and generate detailed reports.
- Exploratory Testing: Conduct ad-hoc testing sessions with session-based testing capabilities.
- Integration: Seamlessly connects with Azure DevOps for continuous testing workflows.

## Setting Up Microsoft Test Manager

Getting started with MTM involves installing and configuring the tool for your environment.

### Prerequisites

- Visual Studio Enterprise or Professional edition (with test management features).
- Azure DevOps account or TFS (Team Foundation Server) setup.
- Appropriate permissions to access test management features.

### Installing Microsoft Test Manager

- Download the Visual Studio Installer from the official Microsoft website.
- Choose the edition that includes testing tools (e.g., Visual Studio Enterprise).
- During installation, select the "Testing Tools" workload to install MTM.
- Complete the installation and launch Visual Studio.
- Connect to your Azure DevOps project or TFS server within Visual Studio.

## Creating and Managing Test Plans

A well-structured test plan is the foundation of successful testing. MTM simplifies organizing your testing efforts through test plans and suites.

### Creating a Test Plan

- Open Microsoft Test Manager from Visual Studio or the Azure DevOps portal.
- Navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, description, and start/end dates.
- Associate the test plan with a specific build or release if needed.
- Save the test plan to begin adding test cases.

### Organizing Test Suites

Test suites help categorize test cases based on features, modules, or testing strategies.

- **Static Test Suites:** Manually organize test cases into logical groups.
- **Requirement-Based Test Suites:** Link test cases to specific requirements or user stories.
- **Query-Based Test Suites:** Dynamically generate test cases based on queries.

## Adding Test Cases

- Within your test suite, click "New Test Case" or import existing cases.
- Define the test case steps, expected results, and associated requirements.
- Assign priority, owner, and other metadata to facilitate management.
- Save the test case to include it in your suite.

## Executing Tests with Microsoft Test Manager

Once your test cases are organized, the next step is executing tests and recording results.

### Manual Test Execution

- Open the test plan and select the test suite to execute.
- Click "Run" on the test case you wish to execute.
- Follow the test steps as documented, marking each step as "Passed" or "Failed."
- If a test fails, record detailed bug information directly from the test runner.
- Complete the test run, and the results will be saved automatically.

### Using Action Recording and Data Collection

MTM allows capturing detailed logs and screenshots during test execution, aiding in defect analysis and reproducibility.

### Exploratory Testing

For ad-hoc testing, MTM offers session-based testing:

- Schedule a testing session with session details.
- Conduct testing while documenting observations and findings.
- Record bugs and issues discovered during the session.

## Tracking and Reporting Testing Progress

Effective test management requires insight into testing status and quality metrics.

### Monitoring Test Results

- Navigate to the "Test Results" section in MTM or Azure DevOps.
- Review individual test case outcomes and overall progress.
- Filter results by tester, status, or test plan for detailed analysis.

### Generating Reports

MTM provides various built-in reports to visualize testing status:

- Test Results Summary
- Test Case Progress and Trends
- Bugs and Defects Reports

### Integrating with Bug Tracking

During testing, bugs can be logged directly from MTM, linked to specific failed test cases, ensuring traceability and quick resolution.

## Advanced Tips and Best Practices

Maximize your testing efficiency with these expert tips:

### Automate Repetitive Tests

Integrate MTM with automated testing frameworks like MSTest, NUnit, or Selenium to run automated tests alongside manual efforts.

### Maintain Test Cases Regularly

Keep your test cases updated with application changes to ensure relevance and accuracy.

### Use Tags and Filters

Leverage tags and filters to quickly locate and execute specific test cases based on criteria like

priority, feature, or owner.

## Collaborate Effectively

Encourage team collaboration by sharing test plans and results, and conducting regular review meetings to discuss testing progress.

## Conclusion

Microsoft Test Manager is an essential tool for teams aiming to implement structured and efficient testing workflows. From creating comprehensive test plans and organizing test suites to executing tests and tracking outcomes, MTM provides a centralized platform that enhances test visibility and quality assurance. By following this **Microsoft Test Manager tutorial**, you can streamline your testing process, improve defect detection, and deliver higher-quality software products. Remember to stay updated with the latest features and best practices to maximize your testing success with MTM.

### Microsoft Test Manager tutorial: A Comprehensive Guide to Streamlining Your Testing Process

Microsoft Test Manager (MTM) is a powerful tool integrated within the Azure DevOps suite, designed to facilitate efficient test planning, management, and execution. Whether you are a QA professional, a developer, or a project manager, mastering MTM can significantly enhance your testing workflows, improve defect detection rates, and ensure higher quality software releases. This tutorial aims to provide an in-depth overview of Microsoft Test Manager, guiding you through its features, setup, best practices, and real-world applications.

### Introduction to Microsoft Test Manager

Microsoft Test Manager is a dedicated testing management environment that helps teams plan, execute, and track testing activities seamlessly. Originally part of Visual Studio Test Professional, MTM is now integrated within Azure DevOps, offering a unified platform for Agile testing, exploratory testing, and manual test case management.

### Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Run manual tests, record results, and capture screenshots.
- Test Management: Track defects, manage test configurations, and generate reports.
- Integration: Seamlessly connect with Azure DevOps for continuous integration and automated testing workflows.

- Exploratory Testing: Record exploratory sessions with detailed notes and recordings.

## Setting Up Microsoft Test Manager

Before diving into testing, proper setup of MTM is essential.

### Prerequisites

- A valid Azure DevOps account with appropriate permissions.
- Installed Visual Studio Test Professional or access via Azure DevOps.
- Access to a test environment or lab machines.

### Installation and Configuration

- Download and Install: Download Microsoft Test Manager from the Visual Studio downloads page or via Azure DevOps.
- Connect to Azure DevOps: Launch MTM and connect it to your Azure DevOps project by signing in with your credentials.
- Configure Test Environments: Set up test machines, configurations, and network environments to align with your testing needs.

### Tips for Effective Setup

- Organize your test plans hierarchically for easier management.
- Maintain a clear mapping between test environments and real-world configurations.
- Regularly update test artifacts to ensure they reflect current application versions.

## Creating and Managing Test Plans

Test planning is the foundation of effective testing.

### Creating a Test Plan

- In MTM, navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, start/end dates, and any relevant details.
- Assign ownership and stakeholders.

## Organizing Test Suites

- Static Test Suites: Manually added test cases grouped logically.
- Requirement-based Suites: Linked to user stories or requirements for traceability.
- Query-based Suites: Dynamic grouping based on queries.

## Best Practices

- Break down large test plans into smaller, manageable suites.
- Link test cases to user stories or bugs for better traceability.
- Regularly review and update test plans to reflect current project scope.

## Designing and Managing Test Cases

Creating effective test cases is critical to uncovering defects early.

## Writing Test Cases

- Clear, concise steps with expected results.
- Use descriptive titles and tags for easy filtering.
- Include preconditions and postconditions.

## Reusing Test Cases

- Modularize test steps for reuse across different test cases.
- Attach relevant documentation, screenshots, or scripts.

## Organizing Test Cases

- Group related test cases into shared test suites.
- Use labels and tags for categorization.

## Tips for Effective Test Cases

- Prioritize test cases based on risk and impact.

- Keep test cases up-to-date with application changes.
- Incorporate exploratory testing notes within test cases or as separate sessions.

## Test Execution and Result Recording

Executing tests efficiently and accurately recording results is vital.

### Running Manual Tests

- Select a test case from your test suite.
- Follow each step, observing the actual behavior.
- Record outcomes: Passed, Failed, Blocked, or Not Applicable.
- Capture screenshots or record videos if needed.

### Recording Defects

- Link defects directly to failed test cases.
- Provide detailed descriptions, steps to reproduce, and severity.
- Attach logs or screenshots to aid debugging.

### Managing Test Runs

- Use test configurations to run multiple test cases under different environments.
- Schedule and assign test runs to team members.
- Monitor real-time progress and results.

## Pros and Cons of Test Execution Features

### Pros:

- Streamlined process for manual testing.
- Rich media capture for detailed documentation.
- Easy defect linkage and traceability.

### Cons:

- Manual process can be time-consuming for large test suites.
- Limited automation capabilities within MTM itself.

### Integrating Automated Testing with Microsoft Test Manager

While MTM excels at manual testing, integration with automated testing frameworks enhances overall efficiency.

### Integration with Visual Studio Test Automation

- Use Visual Studio Test tools to develop automated test scripts.
- Link automated tests to test cases in MTM.
- Run automated tests as part of continuous integration pipelines.

### Benefits of Integration

- Reduces manual effort.
- Ensures consistency between manual and automated testing.
- Facilitates comprehensive test coverage.

### Limitations

- Setup can be complex for beginners.
- Requires scripting knowledge for automation.

### Reporting and Tracking

Effective reporting provides insights into testing progress and quality metrics.

### Built-in Reports

- Test Run Summary
- Test Results Trend
- Defect Status and Age
- Requirements Traceability Matrix

### Custom Reports

- Use Azure DevOps Analytics or Power BI for tailored dashboards.
- Export data for external analysis.

## Best Practices

- Regularly review reports to identify bottlenecks.
- Use metrics to prioritize testing efforts.
- Maintain up-to-date dashboards for stakeholder visibility.

## Best Practices for Using Microsoft Test Manager

- Plan Early: Incorporate testing early in the development lifecycle.
- Maintain Test Artifacts: Keep test cases and plans updated with application changes.
- Leverage Linkages: Connect requirements, test cases, defects, and build versions.
- Automate Where Possible: Use automation to handle repetitive and regression testing.
- Collaborate: Engage team members through shared test plans and results.
- Review Regularly: Conduct test reviews and retrospectives for continuous improvement.

## Common Challenges and How to Overcome Them

### Challenge: Managing Large Test Suites

Solution: Break down into smaller, manageable suites; use query-based suites for dynamic grouping.

### Challenge: Keeping Test Cases Up-to-date

Solution: Establish a review cycle aligned with development sprints; assign ownership.

### Challenge: Integration Complexity

Solution: Invest in automation and continuous integration pipelines; use documentation and training.

### Challenge: Limited Automation within MTM

Solution: Use external automation tools integrated with Azure DevOps, such as Selenium or Coded UI.

## Conclusion

Microsoft Test Manager is a robust tool that, when used effectively, can significantly boost your testing efficiency, coverage, and traceability. Its comprehensive features for test planning, execution, defect management, and reporting make it indispensable for teams adopting Agile and DevOps practices. While there are challenges, especially around automation and managing large test repositories, with proper setup, training, and best practices, MTM can become a cornerstone of your software quality assurance process.

By following this tutorial, you should now have a clear understanding of how to leverage Microsoft Test Manager to streamline your testing operations, improve collaboration, and ultimately deliver higher quality software to your users. Remember, continuous learning and adaptation are key to maximizing the benefits of MTM in your projects.

**Question** What are the main features of Microsoft Test Manager (MTM)? Microsoft Test Manager (MTM) provides features such as test planning, manual test execution, test case management, bug tracking integration, and collaboration tools to streamline the testing process within Visual Studio and Azure DevOps. How do I create and organize test plans in Microsoft Test Manager? In MTM, you can create test plans by navigating to the 'Test Plans' hub, clicking 'New Test Plan,' and defining its name and details. You can then add test suites and test cases to organize tests based on requirements, features, or test types for better management. Can I automate tests using Microsoft Test Manager, and how is it integrated with other tools? While MTM primarily supports manual testing, it integrates seamlessly with Visual Studio and Azure DevOps, enabling automation through test scripts and frameworks like MSTest, Selenium, or CodedUI. Automated tests can be linked to test cases for comprehensive test management. What are the best practices for using Microsoft Test Manager effectively? Best practices include maintaining detailed and reusable test cases, organizing tests into logical suites, utilizing shared steps for common actions, integrating with bug tracking, and regularly updating test plans based on project changes to ensure thorough testing coverage. Is Microsoft Test Manager suitable for Agile development environments? Yes, MTM is well-suited for Agile teams as it supports iterative testing, easy integration with Azure DevOps Agile tools, and flexible test planning, allowing teams to adapt testing activities to sprint cycles and continuous delivery workflows.

**Related keywords:** Microsoft Test Manager, TFS testing, test planning, test case management, automated testing, test execution, bug tracking, test lab management, test reporting, test automation tools

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