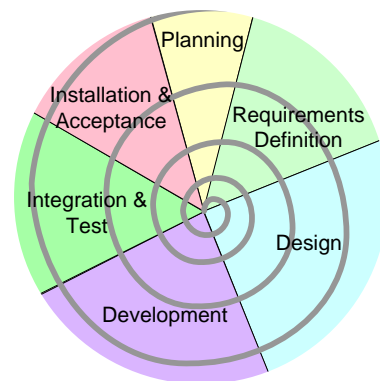


# Acceptance Plan

## Basic Order Tracking System

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<b>GLOSSARY OF PROJECT-SPECIFIC TERMS</b>	
Glossary of Software Engineering Terms	A standard <a href="#">Glossary of Software Engineering Terms</a> is maintained online. Terms specific to this project are maintained below.
Glossary of Project-Specific Terms	A common <a href="#">Glossary of Project-Specific Terms</a> is maintained on the project Web site.

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## INTRODUCTION

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This is the acceptance plan for the Basic Order Tracking System (BOTS) system. The purpose of this document is to specify the controlling test plan(s), describe the process used to perform the acceptance test, and show that all acceptance tests have been successfully completed.

## TEST PLANS

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The controlling test plan(s) for this application are:

- [BOTS-CORE-STP](#)
- [BOTS-CUST-STP](#)

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## ACCEPTANCE TESTING

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### KEY CONCEPTS

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The acceptance testing process makes use of two key concepts: 1) Test Completion Reports, and 2) Test Incident Reports.

#### TEST COMPLETION REPORT (TCR)

The TCR is used to describe the successful completion of all the elements described in a specific Test Case. It provides a basic framework for capturing the essential elements of the test, including who performed the test, when, and how:

The screenshot shows a web form titled "Test Completion Report". At the top, there is a text input field for "Software Test Plan, Version". Below this, the form is divided into two main sections. The left section, titled "Completion of Test", contains a "Test Case Number" input field, a "Test Date/Time" input field with two sub-fields, and three checkboxes: "Acceptance Testing", "Regression Testing", and "All Test Steps have been validated". The right section, titled "Actions taken to perform test", is a large empty text area. At the bottom left, there is a "Reporting Tester" input field with a red arrow icon, and a "Reset Form" button is located at the bottom center.

This provides the tester with the necessary flexibility in conducting the test, allowing the tester to use automated tools or manual methods as appropriate and available. A TCR form is generated online and digitally signed only *when all elements of the target test case have passed on all required client platforms*. Test

cases that do not pass all their elements result in the generation of a Test Incident Report, as described below. The [TCR form](#) is available online at the process repository for this project.

### **TEST INCIDENT REPORT (TIR)**

A TIR is used to describe the circumstances of a test case failing to pass all test elements. The TIR is a combination form, used to report the problem to the development staff and to document the corrections made to the software by the developers:

**Test Incident Report**

Software Test Plan, Version

Test Case Number  Incident Date/Time

Acceptance Testing  Regression Testing

**Incident Description**  
{Test case step(s) that failed & how}

**Resolution Actions**  
{Source items affected, modifications made}

Reporting Tester

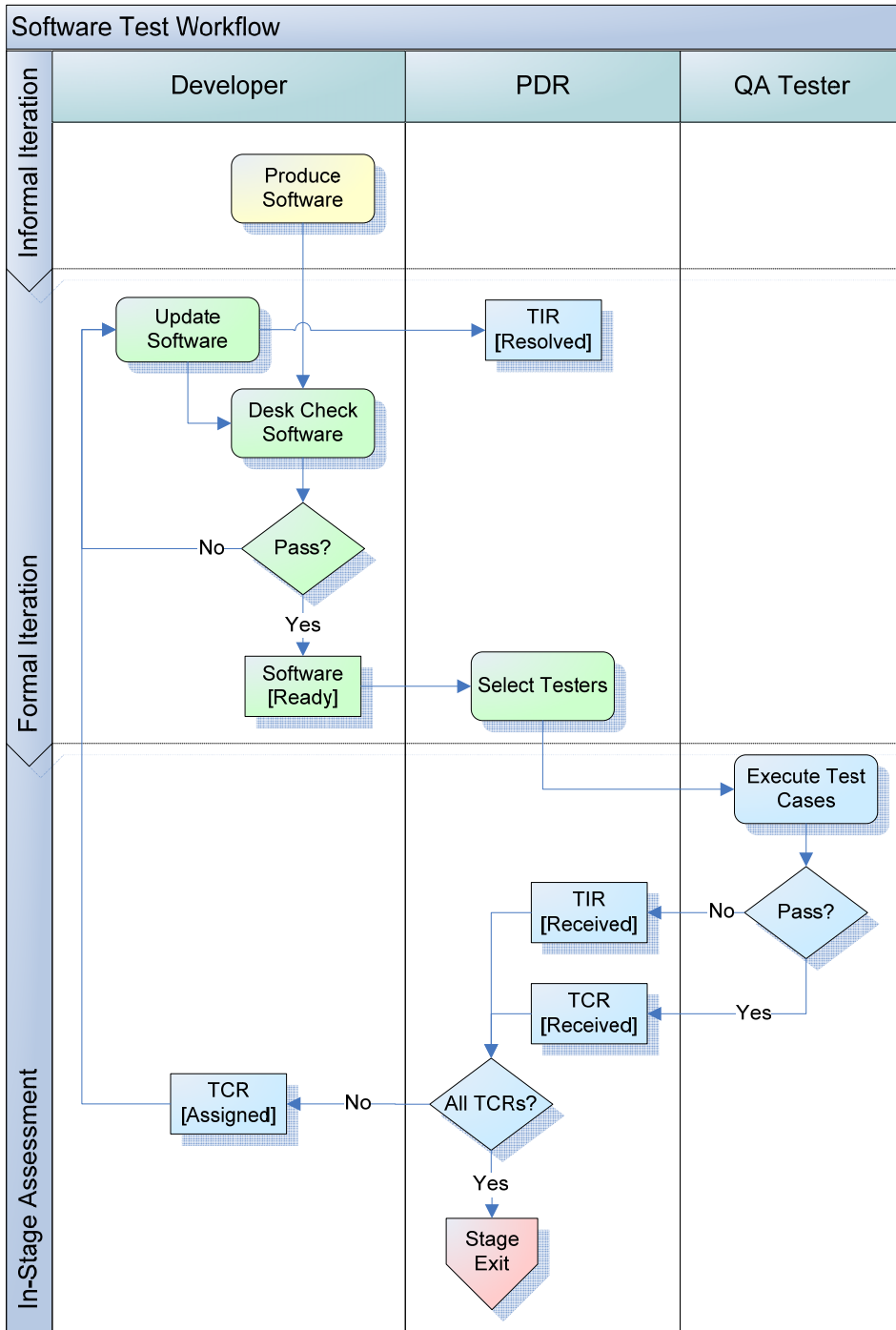
Resolution Developer

Reset Form

A TIR is considered closed once it has a resolution. At this point, the reporting tester re-runs the original test case. The [TIR form](#) is available online at the process repository for this project.

## **THE SOFTWARE TEST WORKFLOW**

The testing workflow insures that all problems identified for a specific test case are corrected *before* the test case is documented as completed successfully.



## ACTORS

The actors associated with software testing include:

- The software developers,
- The PDR, and

- Testing personnel, who may be drawn from the end-user community or development team, as determined by the PDR.

## **PROCESSES**

The processes associated with software testing include:

- Informal Iteration,
- Formal Iteration, and
- In-Stage Assessment

### **INFORMAL ITERATION PROCESS**

During the informal iteration process, software artifacts that are prototypes and other forms of exploratory work are segregated from the artifacts intended for production delivery. The final set of production artifacts comprises the “produced” software for the current iteration and is usually referred to as a “candidate build.”

### **FORMAL ITERATION PROCESS**

The candidate build is tested by the development staff. This informal testing is typically executed against the design document. Formal test cases and automated testing scripts may be in place to assist this effort, depending on the resources available to the project. This developer self-testing process is termed a “desk check.” Once the software passes the desk check, the development team sets the build status to “ready” and informs the PDR. The PDR identifies testers with appropriate domain knowledge and initiates the in-stage assessment process.

### **IN-STAGE ASSESSMENT PROCESS**

Testers execute test cases against the candidate build. The tester selects a test case, performs the steps necessary to address all the test elements, and generates either a TCR describing the actions taken to perform the test, or generates a TIR describing the problems encountered during the test.

If a TIR is generated, the PDR passes the TIR on to the development staff, which works with the tester to correct the problem. The resolution is documented on the original TIR, and the tester re-runs the test case. If additional problems are discovered, an additional TIR is generated, and the cycle continues until the tester is able to generate a TCR. There may be zero, one, or more than one TIRs for a specific test case, depending on how many times the tester iterated through the TIR loop.

The generation of a TCR indicates that the tester has successfully performed all test steps for a specific test case, on all required platforms. As a result, only one TCR will be generated for each test case described in the STP.

The acceptance test process is complete when a set of TCRs matching all tests identified in the Acceptance Test procedures of the module test plan have been generated and signed. The resulting documentation consists of:

- A complete set of TCRs.
- Zero to many TIRs with resolutions.

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## TEST RESULTS

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### BOTS-CORE-STP

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#### INPUT-OUTPUT FILES AND TEST SCRIPTS

The following input/output files and/or test scripts were used during acceptance testing for this component:

- File1
- File2
- File3

#### TEST COMPLETION REPORTS (TCRs)

The following TCRs were generated during acceptance testing for this component:

Test Case	TCR
Test Case 3: Welcome Page	TCR-BOTS-CORE-1.0-TC03.2
Test Case 4: Login	TCR-BOTS-CORE-1.0-TC04.2
Test Case 7: Application Top	TCR-BOTS-CORE-1.0-TC07.2
Test Case 8: Data Area Top	TCR-BOTS-CORE-1.0-TC08.2
Test Case 9: Summary Listing	TCR-BOTS-CORE-1.0-TC09.2
Test Case 10: Detail Display	TCR-BOTS-CORE-1.0-TC10.2

#### TEST INCIDENT REPORTS (TIRs)

The following TIRs were generated during acceptance testing for this component:

Test Case	TIR
None.	

## **BOTS-CUST-STP**

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### **INPUT-OUTPUT FILES AND TEST SCRIPTS**

The following input/output files and/or test scripts were used during acceptance testing for this component:

- File1
- File2
- File3

### **TEST COMPLETION REPORTS (TCRs)**

The following TCRs were generated during acceptance testing for this component:

<b>Test Case</b>	<b>TCR</b>
Test Case 5: Customer Data Area Selection & Top	TCR-BOTS-CUST-1.0-TC05.2
Test Case 7: Customer Summary Listing	TCR-BOTS-CUST-1.0-TC07.2
Test Case 11: Demographics Selection & Top	TCR-BOTS-CUST-1.0-TC11.2
Test Case 13: Demographic Summary Listing	TCR-BOTS-CUST-1.0-TC13.2

### **TEST INCIDENT REPORTS (TIRs)**

The following TIRs were generated during acceptance testing for this component:

<b>Test Case</b>	<b>TIR</b>
None.	

## **RESULTS SUMMARY**

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The above listings show that all acceptance test cases for the above components have been conducted with satisfactory results.