

Scenarios and Acceptance Tests Template

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1 Scenario Structure

1.1 Basic Format

```
@tags
Scenario: E[XX]-F[XX]-S[XX] -
[Descriptive Title]
```

```
Given [initial context/
precondition]
When [action/event occurs]
Then [expected outcome]
And [additional outcomes]
```

1.2 Full Template with Tags

```
@test-type @priority @scope
@implements-story:E01-F01-US01
@implements-fr:FR-103
@implements-nfr:NFR-201
Scenario: E01-F01-S01 - [Descriptive
Title]
Given [initial context]
And [additional context]
When [primary action]
And [additional actions]
Then [primary outcome]
And [additional outcomes]
```

2 Acceptance Test Structure

2.1 Basic Format

```
@acceptance @sprint-X
Scenario: E[XX]-F[XX]-TA[XX] - [Test
Title]
Given [specific test context]
When [specific action under test]
Then [specific verification
criteria]
```

3 Example Scenarios

3.1 Happy Path Scenario

```
@happy-path @smoke @automated
@implements-story:E01-F01-US01
Scenario: E01-F01-S01 - Successful
User Registration
    Given a new user on the registration
page
    When they complete the registration
form with:
        | Field      | Value                |
        | Username | testuser             |
        | Email    | test@example.com    |
        | Password | SecurePass123!      |
    And they submit the form
    Then their account should be created
    And they should receive a
confirmation email
```

3.2 Edge Case Scenario

```
@edge-case @security @automated
@implements-nfr:NFR-202
Scenario: E01-F01-S02 - Registration
with Existing Email
    Given a new user on the registration
page
    And an existing account with email
"test@example.com"
    When they attempt to register with:
        | Field      | Value                |
        | Email    | test@example.com    |
    Then registration should be
prevented
    And they should see the message
"Email already registered"
```

4 Acceptance Test Examples

4.1 Functional Acceptance Test

```
@acceptance @functional @automated
@validates-fr:FR-103
Scenario: E01-F01-TA01 - Verify User
Authentication Flow
    Given a registered user with
credentials:
        | Username | Password      |
        | testuser | Test123!      |
    When they attempt to login
    Then they should be authenticated
    And redirected to their dashboard
    And session token should be valid
```

4.2 Performance Acceptance Test

```
@acceptance @performance @automated
@validates-nfr:NFR-201
Scenario: E01-F01-TA02 - Verify Login
Response Time
    Given the system is under normal
load
    When 100 concurrent users attempt
to login
    Then all requests should complete
within 2 seconds
    And the system maintains normal
responsiveness
    And no errors are reported
```

5 Test Data Templates

5.1 Data Table Format

```
Scenario: Data-Driven Test
    Given a test case with data:
        | Input      | Expected Output |
        | Value 1    | Result 1        |
        | Value 2    | Result 2        |
```

5.2 Scenario Outline Format

```
Scenario Outline: Multiple Test Cases
  Given a user with <role>
  When they access <feature>
  Then they should see <result>
```

Examples:

```
      | role      | feature      |
result |              |              |
      | admin   | settings    | full
access |          |             |
      | user    | settings    | limited
view  |          |             |
```

6 Traceability Links

6.1 Requirements Coverage

- Link to Functional Requirements: `@validates-fr:FR-XXX`
- Link to Non-Functional Requirements: `@validates-nfr:NFR-XXX`
- Link to User Stories: `@implements-story:EXX-FXX-USXX`

6.2 Test Implementation

- Link to Test Code: `@test-impl:path/to/test/file`
- Link to Test Data: `@test-data:path/to/data/file`

7 Common Tags Reference

7.1 Test Type Tags

- `@smoke` - Basic functionality verification
- `@regression` - Regression test suite
- `@acceptance` - User acceptance testing
- `@integration` - Integration testing
- `@e2e` - End-to-end testing

7.2 Execution Tags

- `@automated` - Automated test
- `@manual` - Manual test required
- `@visual` - Visual verification needed

7.3 Priority Tags

- `@critical` - Must pass for release
- `@high` - Important test case
- `@medium` - Standard priority
- `@low` - Nice to have

8 Validation Checklist

Before finalizing scenarios and tests:

- ☐ Unique identifiers assigned
- ☐ Clear, descriptive titles
- ☐ Appropriate tags applied
- ☐ Traceability links established
- ☐ Test data specified
- ☐ Acceptance criteria clearly defined
- ☐ Steps are atomic and verifiable
- ☐ Preconditions fully specified
- ☐ Expected outcomes clearly stated