

User Stories

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1 Template Structure

1.1 1. Story Format

- ID and title
- As a/I want/So that format
- Priority and sprint
- Dependencies

1.2 2. Acceptance Criteria

- Scenarios
- Given/When/Then format

- Test cases

1.3 3. Traceability

- Related requirements
- Implementation status
- Test coverage

2 Story Format and Numbering

Stories follow this hierarchical numbering system: - EPIC: E[01-99] (e.g., E01) - Feature: E[01-99]-F[01-99] (e.g., E01-F01) - User Story: E[01-99]-F[01-99]-US[01-99] (e.g., E01-F01-US01) - Scenario: E[01-99]-F[01-99]-S[01-99] (e.g., E01-F01-S01) - Acceptance Test: E[01-99]-F[01-99]-TA[01-99] (e.g., E01-F01-TA01)

3 User Story Structure

3.1 Basic Format

As a [user type], I want [goal] so that [benefit/value].

3.2 Full Template with Tags

```
@priority @type @sprint-X @user-role-X
@source:[source-id] @implements:
[design-doc]
**User Story:** E[XX]-F[XX]-US[XX] -
As a [user type], I want [goal] so
that [benefit/value].
```

```

**Description:**
[Optional detailed description of the
story]

**Dependencies:**
@depends-on:[story-id]
@extends:[story-id]
@related-to:[story-id]

**Acceptance Criteria:**
@automated @smoke
Scenario: E[XX]-F[XX]-S[XX] -
[Scenario Name]
    Given [initial context]
    When [action occurs]
    Then [observable outcome]
    And [additional outcome]

```

4 Example Story with Full Details

```

@critical @functional @sprint-1
@user-role-customer
@source:PRD-2023-Q1
@implements:auth-design-v1
**User Story:** E01-F01-US01 - As a
new customer, I want to create an
account so that I can track my orders.

**Description:**
Enable customers to register for a new
account using email or social login
options.

**Dependencies:**
@depends-on:E01-F02
@related-to:E01-F03

**Acceptance Criteria:**
@automated @smoke @security
Scenario: E01-F01-S01 - Email

```

Registration

```

    Given I am on the registration page
    When I enter valid registration
    details
    And I submit the form
    Then my account should be created
    And I should receive a confirmation
    email

```

@automated @regression

Scenario: E01-F01-S02 - Password
Validation

```

    Given I am on the registration page
    When I enter a password less than
    8 characters
    Then I should see an error message
    And the form should not submit

```

5 Requirement Traceability

5.1 Requirements Mapping

User stories should reference their associated functional and non-functional requirements:

```

@implements-fr:FR-103 @implements-
nfr:NFR-201
**User Story:** E01-F01-US01 - As a
new customer...

```

5.2 Example with Requirements Links

```

@critical @functional @sprint-1
@implements-fr:FR-103,FR-104
@implements-nfr:NFR-201,NFR-202
**User Story:** E01-F01-US01 - As a
new customer, I want to create an
account...

**Related Requirements:**
- Functional: FR-103 (User
Authentication), FR-104 (Account

```

Creation)

- Non-functional: NFR-201 (Response Time), NFR-202 (Data Security)

6 INVEST Criteria Checklist

Each story should meet these criteria:

- ☐ **Independent:** Story can be developed independently
- ☐ **Negotiable:** Implementation details are flexible
- ☐ **Valuable:** Clear value to stakeholders
- ☐ **Estimable:** Team can size the work
- ☐ **Small:** Fits in one iteration
- ☐ **Testable:** Has clear acceptance criteria

7 Common Tags Reference

7.1 Priority Tags

- @critical
- @high
- @medium
- @low

7.2 Type Tags

- @functional
- @non-functional
- @ui
- @api
- @data
- @integration

7.3 Testing Tags

- @smoke
- @regression
- @automated
- @manual
- @performance
- @security

7.4 Status Tags

- @wip

- @blocked
- @implemented
- @verified

8 Validation Checklist

Before submitting a user story, verify:

- ☐ Story ID follows numbering convention
- ☐ Story follows «As a/I want/So that» format
- ☐ Appropriate tags are applied
- ☐ Dependencies are documented
- ☐ Acceptance criteria are clear and testable
- ☐ INVEST criteria are met
- ☐ Traceability links are established