

RPS R2 Test Development

- Preparing to Write Test Cases
- Understanding the Test Case Template
- Dissecting the Storyboards
- Delivering the Test Cases
- Setting Expectations

Preparation

1. Locate test case template on the wiki and save to a working folder. Path to test case template: http://wiki.hl7.org/images/c/c7/RPS_R2_Test_Case.doc
2. Locate storyboards on the wiki. Path to storyboards: http://wiki.hl7.org/index.php?title=Regulated_Product_Submission_Release_2_%28RPS_R2%29_Storyboards
3. *Optional:* Copy storyboard TOC into a worksheet for tracking and markup.
4. Return to wiki and read each storyboard.
5. Identify storyboards that are relevant to your domain and highlight them on your worksheet. Some storyboards are obvious, some are not.

Example:

Obviously for devices. “*Device Company ABC* submits the first of three modules...”

Also used for devices. “*Acme Pharmaceuticals* is sending RAA a submission unit to provide the final labeling for their marketing application...”

6. Copy text from storyboard to test case template for continual reference and verification.

Understanding the Test Case Template

The following fields will contain information specific to the storyboard

RPS R2 Test Case Title:

Test Case Objective:

Test Case Description:

Test Case Inputs:

Test Case Variations:

Expected Results:

More than likely, the following fields will contain the same information

Domain Area:

Region:

Software Tools:

The following fields will be completed during testing

Test Date:

Tester's Name:

Tester's Email:

Test Case Deviations:

Actual Test Results:

Test Result Discrepancies:

Issue Number:

Dissecting the Storyboard

Example:

“The RAA is sending an interim action to place the investigational study on hold, the correspondence type would be Interim Action/Clinical Hold, and identifies the contact information for the submission (e.g., any points of contact first name and last name, Contact Type, address, phone, email, fax), product information (e.g., product type, product name, proper name, trade name, product code, product code set), regulatory authority information (i.e., Agency, Center), submission information (e.g., regulatory authority application number, regulatory authority submission number, sequence (serial) number, presubmission identifier), Submission Unit Type (e.g., category and sub category) and Comment field (free text description).”

Dissecting the Storyboard

Identify **ROLE**, **ACTIVITY**, **DOCUMENT**, **DATA**

“The **RAA** is **sending** an **interim action** to place the investigational study on hold, the correspondence type would be **Interim Action/Clinical Hold**, and identifies the contact information for the submission (e.g., any points of **contact first name** and **last name**, **Contact Type**, **address**, **phone**, **email**, **fax**), **product information** (e.g., **product type**, **product name**, **proper name**, **trade name**, **product code**, **product code set**), **regulatory authority information** (i.e., **Agency**, **Center**), **submission information** (e.g., **regulatory authority application number**, **regulatory authority submission number**, **sequence (serial) number**, **presubmission identifier**), **Submission Unit Type** (e.g., **category** and **subcategory**) and **Comment** field (free text description).”

ROLE: Regulatory Authority or Regulated Industry

ACTIVITY: creating, reading, sending or receiving a message

DOCUMENT: approval letter, an investigational hold, a modular submission, final labeling, etc

DATA: email address, phone, submission number, serial number, etc

Dissecting the Storyboard

Resources:

- Jason's RPS Overview 2007-01-01.ppt
- Glossary

Delivering the Test Cases

Send Test Cases to Dirk Beth at
dirk@mission3.com

Setting Expectations

- 1 hour - Preparing to write all test cases
- 30 min - Dissecting one storyboard
- 30 min - Delivering all test cases

Setting Expectations

- Easiest
 - Preparation
- Challenging
 - Distinguishing business from system requirements
 - Mapping the storyboard
 - Refining completed cases