Use Cases

for

<Project>

Version 1.0 approved

Prepared by <author>

<organization>

<date created>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  | Original | 1.0 |
|  |  |  |  |

## Use Case ID and Name [optional: Author, Date, Scope, Level]

Give each use case a unique integer sequence number identifier. State a concise name for the use case that indicates the value the use case would provide to some user. Begin with an action verb, followed by an object.

## Primary and Supporting Actors

An actor is a person or other entity external to the software system being specified who interacts with the system and performs use cases to accomplish tasks. Different actors often correspond to different user classes, or roles, identified from the customer community that will use the product. Name the primary actor that will be initiating this use case and any other supporting actors who will participate in completing execution of the use case.

## Trigger (unless clear from Flow)

Identify the business event, system event, or user action that initiates the use case. This trigger alerts the system that it should begin testing the preconditions for the use case so it can judge whether to proceed with execution.

## Description

Provide a brief description of the reason for and outcome of this use case, or a high-level description of the sequence of actions and the outcome of executing the use case.

## Stakeholders and Interests

Identify all stakeholders’ interests that will be satisfied by the system behaviour described in this use case.

## Preconditions

List any activities that must take place, or any conditions that must be true, before the use case can be started. The system must be able to test each precondition. Number each precondition. Example: PRE-1: User’s identity has been authenticated.

## Postconditions

Describe the state of the system at the successful conclusion of use case execution. Label each postcondition in the form POST-X, where X is a sequence number. Example: POST-1: Stored price of item is updated to the new value.

## Main Success Scenario (or Normal Flow)

Provide a description of the user actions and corresponding system responses that will take place during execution of the use case under normal, expected conditions. This dialog sequence will ultimately lead to accomplishing the goal stated in the use case name and description. Show a numbered list of actions performed by the actor, alternating with responses provided by the system.

## Extensions

Document other successful usage scenarios and exceptions that may take place within this use case. State the condition, and describe any differences in the sequence of steps that take place. Number each extension in the form “Nx”, where “N” is the step in the Main Success Scenario from which the flow branches and “x” labels further hierarchical branching as shown in the sample. State where it would rejoin the normal flow if it is not already clear.

## Frequency of Occurrence

Estimate the number of times this use case will be performed per some appropriate unit of time. This gives an early indicator of throughput, concurrent usage loads, and transaction capacity.

## Business Rules

List any business rules that influence this use case. Don’t include the business rule text here, just its identifier so the reader can find it in another repository when needed. Of course you will need to create that collection of rules if you refer to it.

## Special Requirements

Identify any additional requirements, such as quality attributes, for the use case that may need to be addressed during design or implementation. These may be eventually collected into the Supplementary Spec. Similarly, list any associated functional requirements that aren’t a direct part of the use case flows but which a developer needs to know about.

## Technology and Data Variations List

List variations in how some action in the use case must be done. These are often constraints and may be included in Special Requirements rather than in a separate section.

## Assumptions

List any assumptions that were made regarding this use case or how it might execute.

**Open Issues**

Anything that has not yet been resolved for this case

Use Case List

|  |  |  |
| --- | --- | --- |
| Primary Actor | Use Case | Priority/Risk |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Use Case Template

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: |  | | |
| Created By: |  | Date Created: |  |
| Primary Actor: |  | Supporting Actors: |  |
| Trigger: |  | | |
| Description: |  | | |
| Stakeholders and Interests |  | | |
| Preconditions: |  | | |
| Postconditions: |  | | |
| Normal Flow: |  | | |
| Extensions: |  | | |
| Frequency: |  | | |
| Business Rules: |  | | |
| Special Requirements: |  | | |
| Technology and Data Variations: |  | | |
| Assumptions: |  | | |
| Open Issues: |  | | |