# Analysis - detail

Final versions of the requirements documents used for walk-throughs with the main stakeholders.

## Use Cases

### Summary of all use cases

A summary of the use cases in bullets or numbers serving like a table of contents. Summary focuses on inputs and outputs.

### ID – Use case name

Information about the use case, metadata

**Author** –

**Date written** –

**Actors** –

The only role that initiates/triggers this flow of events. It does not include participants.

**Related systems** –

Sometimes called (supporting actors)

**System** –

Would not be used if this were a business use case

**Priority** –

Get this from the priority chart.

**Type** –

Options are: goal | partial goal | group of goals | group of partial goals

**Design constraints** –

Useful when you don’t use just business terms e.g. web site is required, SQL Server is required, location must be…

#### Pre-conditions

Rules for beginning this use case: state of system prevents usage, must be testable

#### Course of Events

The sequence of tasks in conversation format between actor and system. Start each number with the system except the trigger and combine actor responses to system events. Rules are placed under the task unless they can be reused and then they are referenced and placed in a separate file.

1. The use case starts when the actor …
2. The system responds by … The actor does something else.
3. The system validates something… The actor responds
   1. **RULE – Name:** The conditions that must be met for the validation.
   2. **RULE – Name:** The conditions that must be met for another validation.
4. The system responds by … The actor does something else.
5. The system does something…

#### Extension points – optional

Sequences that return control back to the course of events after finished.

* Sequence name (#) –

#### Extension points – errors, exceptions

Errors occur at any point where there is a validation of a rule.

Errors occur at communication to other systems.

* Sequence name (#) –

#### Post-conditions

Is it really important to review the necessary outcomes of this use case? If so, summarize here.

#### Notes/ Special Requirements

Any kind of quality, capacity, security, availability, disaster recovery information.