# Use case Specification

One section per use cases – according to the use case specification template below

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| ***The Log In Use-Case Specification specifies all requirements relating to this use case, including the flows through the use case and any non-functional requirements that relate specifically to this use* *case.*** |

## Introduction

### Document Purpose

The primary objectives of the Use-Case Specification are to:

* Provide a complete set of requirements relating to the use case, including the flows through the use case and all significant external behavior of the use case
* Provide additional supporting information to support the communication of the purpose, requirements, constraints and flows through the use case.

### Document Scope

The scope of this document is limited to consideration of:

* The specification this specific use case, including any non-functional requirements and constraints that relate specifically to this use case.

This scope of this document does not include consideration of:

* Requirements that relate specifically to any other use case – these are described in separate specifications for the other use cases
* Requirements that do not relate to any specific use case – these are described in a separate Supplementary Requirements document.

### Document Overview

This document contains the following sections:

* **Brief Description** – focusing on the purpose of the use case
* **Preconditions** – the state the system must be in before the use case can performed
* **Basic Flow** – what normally happens when the use case is performed
* **Alternative Flows** – unusual, optional or exceptional use case behavior
* **Post-Conditions** –valid system states after the use case has finished
* **Special Requirements** – non-functional requirements that relate specifically to this use case
* **Extensibility** – where the use case can be extended by other use cases
* **Scenarios** – lists the key representative scenarios for this use-case
* **Additional Information** – any other useful supporting information
* **References** – provides full reference details for all documents, white papers and books that are referenced by this document.

## Brief Description

Gives the user access to the web site features such as rate and comment.

## Preconditions

User is already registered to the web site

## Basic Flow

This section describes the normal flow through the use case in terms of what the actor does and what the system does in response, structured as a dialog between the actor and the system.

1. The registered user selects log in option on web site system
   1. System displays log in window
2. The registered user enters username and password into text fields
   1. System validates if user name and password is correct
3. If user name and password is not correct
   1. System tells user to enter information again
   2. If registered user does not know username or password user clicks on
4. If user name and password is correct then system displays main window for the registered user

## Alternative Flows

This section describes the alternative flows for the use case, grouped into named subsections reflecting the area of functionality to which to the alternative flow relates. Each alternative flow is described in terms of:

* The point in the use case at which the alternative flow might begin
* The conditions under which the alternative flow will begin
* The flow of events within the alternative flow
* The point at which the use case resumes on completion of the alternative flow.

### Account Recovery

#### {**Registered user clicks on forgot username/password}**

1. System displays username/password recovery window
2. Registered user fills out answers of security questions
   1. System validates if user information is correct
3. If Registered user selects password recovery
   1. System asks user to enter new password
   2. User enters new password
   3. System validates if password meets all criteria
4. If password meets all criteria
   1. System returns to log in screen
5. If Registered user selects username recovery
   1. System displays registered user’s username

## Post-Conditions

* System has entered the main registered user screen
* System has stored new password if registered user restarted password