MyLot Project

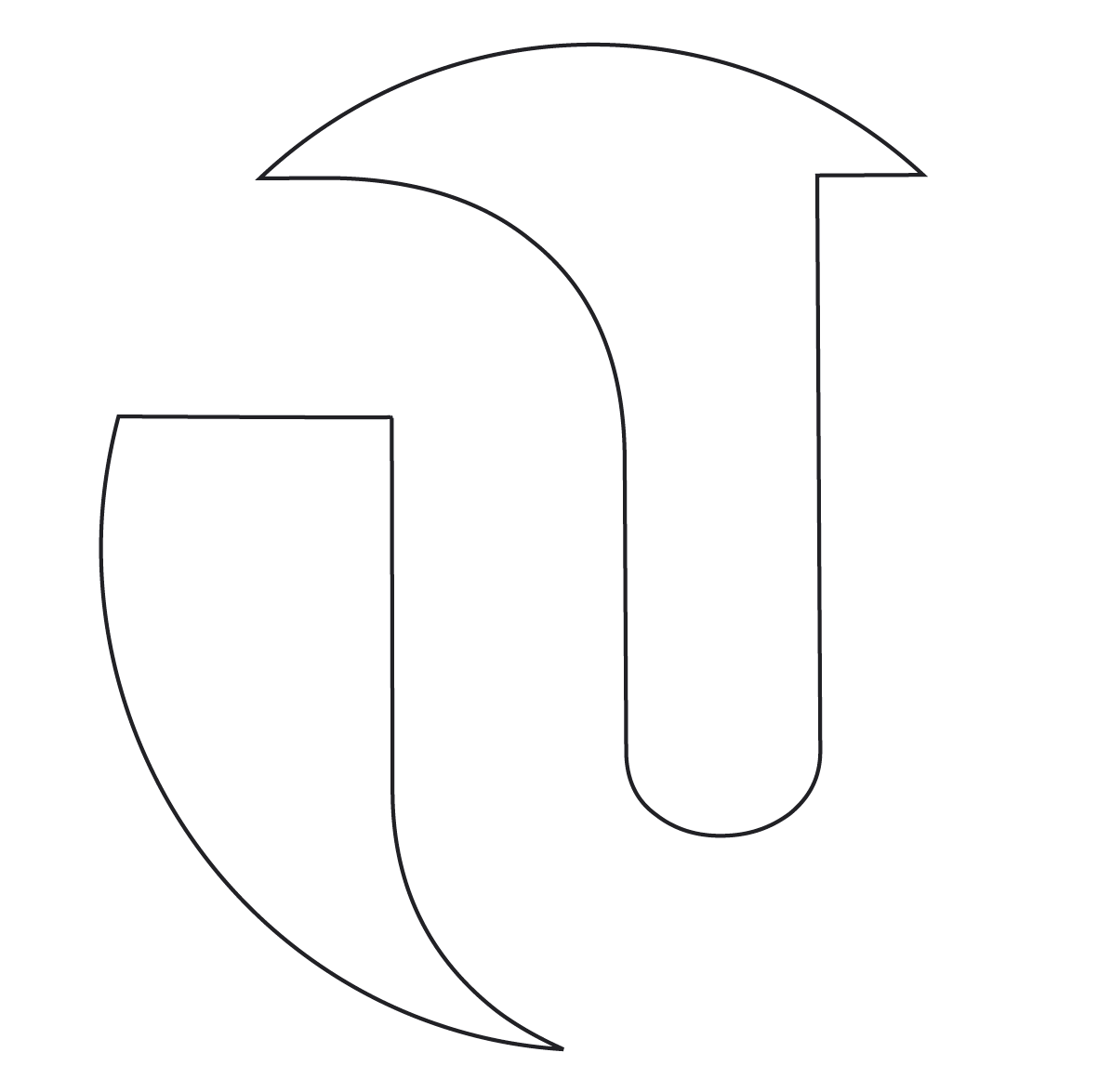
Create Listing Use-Case Specification

Abstract

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| ***The Create Listing Use-Case Specification specifies all requirements relating to creating a new Listing, in order to market the property being sold.*** |

Version History

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| **Date** | **Version** | **Author** | **Description** |
| 31/03/2017 | <1.0> | Jesper Bergman |  |
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An Essential Unified Process Document

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# 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

This use case involves the scenario when a home agent is creating a new listing in order to market a property for sale.

# Preconditions

The preconditions is that the home agent has most details about the property and is more or less ready to put a property on the market. Not every detail has to be provided at the initial creation.

# 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. Agent browses to website
2. Agent logs in
3. Agent interacts to ‘Create New Listing’
4. Agent fills out listing details
   1. This includes size, number of rooms address etc.
5. Agent presses publish button
6. Listing gets public.

# 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.

## Automatic form-fill

### Agent website scraping

* Instead of filling out the form manually the data gets scraped from the ad that’s on agent’s website.
* This would be done by providing a URL to the site and a script runs to gather data.

### Property already in database

* In this case the property already existed in database and can be pre-filled in order to save time

## Prepare and publish later

### Prepare an ad without listing it to the public

* The user has an option of creating an ad without filling out every detail
* This way an ad can be created and published when ready
  + Relevant when an agent wants to be ready and monitor market
  + Relevant when all details not yet have been uncovered

### Publish a prepared ad

* The agent has an overview over all created listings and listings status is visible, so previously prepared ads can be published at will

# Post-Conditions

The post condition is a published listing that home searchers can view and find via search from the main website.

# Special Requirements

This section lists any non-functional requirements that relate specifically to this use case.

# Extensibility

This section lists any public extension points that the use case makes available for other use cases to extend.

# Scenarios

A scenario is an instance or specific occurrence of a use case. This section lists key representative scenarios for this use-case, listing for each scenario:

* Name – a unique and meaningful name for the scenario
* Flows Exercised – List of the use case flows exercised by the scenario
* Additional Notes – any supporting notes about the scenario or its purpose.

| Name | Flows Exercised | Additional Notes |
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# Additional Information

This section provides any additional information required to make the use case more accessible to the stakeholders and the development team.

Appendix A - References

Use this section to give full reference details for all documents, white papers and books that are referenced by this document.

**[1]**