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| **Use Case:** *Update Owner* |

Estate Agent

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Owner

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| --- | --- | --- |
| **Use Case Name** | Update Owner | |
| **Use Case Id** |  | |
| **Priority** | 2 | |
| **Source** | Estate Agent | |
| **Primary Business Actor** | Estate Agent | |
| **Other Participating Actors** | Owner | |
| **Description** | This function will update owner’s details on the system. | |
| **Preconditions** |  | |
| **Trigger** |  | |
| **Expected Scenario** | **Estate Agent** | **System** |
|  | **Step 1:** Invoke Update owner  **Step 3:** Agent enters owner surname.  **Step 6:** Agent Selects appropriate owner.  **Step 8:** Agent edits owner’s data:   * firstName. * lastName. * phoneNumber. * email * eircode. * IBAN * Status | **Step 2:** Display Update owner User interface.  **Step 4:** Retrieve all owner data with matching surname.   * firstName * lastName * phoneNumber * ownerID   **Step 5:** Load UI with data.  **Step 7:** Retrieve the full owner details and load into UI.   * firstName. * lastName. * phoneNumber. * email * eircode. * IBAN * Status   **Step 9:** Validate data:   * All fields must be entered * phoneNumber must be numeric and be valid format. * email must be valid format. * eircode must be valid format * IBAN must be valid. * Status can either be Active (‘A’) or Inactive(‘I’).   **Step 10:** Update data in Owners file.  **Step 11:** Display confirmation message.  **Step 12:** Reset UI. |
| **Alternate Scenarios** | **Actor** | **System** |
| **No Data Found:**  **Invalid Data Entered:** |  | **Step 4:** No matching data found.  **Step 5:** Display appropriate error message.  **Step 6:** Return to step 3.  **Step 9:** Invalid data entered.  **Step 10:** Display appropriate error message.  **Step 11:** Return to step 8. |
| **Conclusions** | Owner’s details have been updated in the owners data file. | |
| **Post conditions** | Owner’s details are now corrected. | |
| **Business Rules** | Owners status can be Active or Inactive.  Owners must provide an IBAN must be valid format as it is required for payments / rental contracts. | |
| **Implementation Constraints** |  | |