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| **USE CASE NAME:** | Add Buyer | **USE CASE TYPE** |
| **USE CASE ID:** | 9 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** |  | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The Buyer liaison clerk selects the “Add Buyer” function. 2. The system displays the “Add Buyer” form with all fields blank. 3. The buyer liaison clerk enters the buyer’s id (1 to 999999 inclusive), last name, first name, street address, suburb, city, email address, phone number, credit status (valid or invalid), and mortgage status (unconfirmed or confirmed). 4. The system displays a list of agents (agent id, last name, and first name). 5. The buyer liaison clerk selects an agent. 6. The system confirms that all necessary fields are filled in correctly and saves the buyer’s details (buyer id, last name, first name, street address, suburb, city, email address, phone number, credit status, and mortgage status, and agent id). 7. The system displays the “Buyer added successfully” message. 8. The system displays the “Add another buyer?” prompt. 9. The buyer liaison clerk elects to end the use case. 10. The use case ends. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 6A.1 The system identifies any missing or incorrect fields and prompts for the completion of all fields.  9A.1 The buyer liaison elects to enter another buyer and the system returns to step 2. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Update Buyer | **USE CASE TYPE** |
| **USE CASE ID:** | 10 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | The buyer liaison clerk has logged onto the system | |
| **PRE-CONDITIONS:** |  | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Update Buyer” function. 2. The system displays the “Update Buyer” form 3. The system displays a list of all the buyers (buyer id, last name and first name). 4. The buyer liaison clerk either selects the buyer whose details need updating or elects to cancel the operation and the system closes the form. 5. The system displays the buyer’s details (buyer ID, last name, first name, street address, suburb, city, email address, phone number, credit status, mortgage status, and agent first name and last name). 6. The buyer liaison clerk updates the relevant details (last name, first name, street address, suburb, city, email address, phone number, credit status, and mortgage status only) and elects to update the buyer. 7. The system validates the entries in the fields and asks for confirmation to change the buyer’s details. 8. The buyer liaison clerk confirms the change of details 9. The system saves the buyer’s details. 10. The system displays the “Buyer updated successfully” message. 11. The system displays the “Update another buyer?” prompt. 12. The buyer liaison clerk elects to end the use case. 13. The use case closes. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 7A.1 The system identifies missing or incorrect fields and prompts for completion of the entry.  8A.1 The buyer liaison clerk elects to cancel the changes and the system skips to step 13  12A.1 The buyer liaison clerk elects to update another buyer and the system returns to step 3. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Delete Buyer | **USE CASE TYPE** |
| **USE CASE ID:** | 11 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables the buyer liaison clerk to delete a selected buyer’s details. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Delete Buyer” function. 2. The system displays the “Delete Buyer” form and displays a list of all the buyers (buyer id, last name and first name) who do not have any offers. 3. The buyer liaison clerk selects the buyer who requires deleting or the buyer liaison clerk elects to cancel the operation and the system closes the form. 4. The system displays the buyer’s details (buyer ID, last name, first name, street address, suburb, city, and credit status). 5. The buyer liaison clerk elects to delete the buyer. 6. The system displays the “Are you sure you want to delete this buyer?” prompt. 7. The buyer liaison clerk confirms the deletion. 8. The system deletes all of the buyer suburbs associated with the buyer. 9. The system deletes all of the buyer categories associated with the buyer. 10. The system deletes the buyer’s details. 11. The system displays the “Buyer deleted successfully” message. 12. The system displays the “Delete another buyer?” prompt. 13. The buyer liaison clerk elects to end the use case. 14. The use case closes. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 5A.1 The buyer liaison clerk elects to cancel the operation.  5A.2 The system skips to step 14.  7A.1 The buyer liaison clerk elects to choose a different buyer  7A.2The system returns to step 2.  13A.1 The buyer liaison clerk elects to delete another buyer  13A.2 The system returns to step 2. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Produce Buyers Report | **USE CASE TYPE** |
| **USE CASE ID:** | 12 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables the buyer liaison clerk to produce the buyers report. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Produce Buyers Report” function 2. The system displays the “Buyers Report” form 3. The buyer liaison clerk selects the option to generate the report 4. The system gets the details (buyer’s id, last name, first name, street address, suburb, city, email address, phone number, credit status, mortgage status, agent last name and first name) of each buyer. 5. The system counts the number of properties each buyer has made an offer on. 6. The system then generates the buyers report (buyer’s id, last name, first name, street address, suburb, city, email address, phone number, credit status, mortgage status, agent last name and first name, and count of properties) with the buyers sorted by first name within last name. 7. The system closes the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 3A.1 The buyer liaison clerk elects to cancel, without generating the report, and the system skips to step 7. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Assign Buyer Suburb | **USE CASE TYPE** |
| **USE CASE ID:** | 13 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables a buyer liaison clerk assign a suburb to a selected buyer. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Assign Buyer Suburb” function 2. The system displays the “Assign Buyer Suburb” form. 3. The system displays a list of all the buyers (buyer id, last name and first name). 4. The buyer liaison clerk selects the buyer who is being assigned 5. The system displays the buyer’s details (buyer id, last name, and first name, and credit status). 6. The system displays the list of the suburbs (suburb id, suburb name, and importance) assigned to the selected buyer. 7. The system displays a list of the suburbs (suburb id and suburb name). 8. The buyer liaison clerk selects a suburb. 9. The buyer liaison clerk enters the importance (high, medium or low) of the suburb to the buyer. 10. The buyer liaison clerk elects to assign the suburb to the buyer. 11. The system saves the buyer suburb details (buyer id, suburb id, and importance) unless the buyer has already been assigned the selected suburb in which case an error message is displayed, and the system displays a list of the suburbs (suburb id and suburb name). 12. The system displays the “Suburb assigned to buyer successfully” message. 13. The system displays the “Assign another suburb?” prompt. 14. The buyer liaison clerk elects to close the form. 15. The system closes the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 4A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 15.  10A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 15.  14A.1 The buyer liaison clerk elects to assign another suburb and the system returns to step 3. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Remove Buyer Suburb | **USE CASE TYPE** |
| **USE CASE ID:** | 14 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables the buyer liaison clerk to remove a suburb from a selected buyer. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Remove Buyer Suburb” function. 2. The system displays the “Remove Buyer Suburb” form with a list of all the buyers (buyer id, last name and first name) who have suburbs assigned. 3. The buyer liaison clerk selects the buyer whose suburb is being removed. 4. The system displays the buyer’s details (buyer id, last name, and first name, and credit status). 5. The system displays the list of the suburbs (suburb id, suburb name, and importance) for the selected buyer. 6. The buyer liaison clerk selects a suburb. 7. The buyer liaison clerk elects to remove the suburb from the buyer. 8. The system deletes the buyer suburb details. 9. The system displays the “Suburb removed from buyer successfully” message. 10. The system displays the “Remove another suburb?” prompt. 11. The buyer liaison clerk elects to closes the form. 12. The system closes the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 3A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 12.  7A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 12.  11A.1 The buyer liaison clerk elects to remove another suburb and the system returns to step 2. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Assign Buyer Category | **USE CASE TYPE** |
| **USE CASE ID:** | 15 | **Business Requirements: 🗹** |
| **PRIORITY:** |  |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables a buyer liaison clerk to assign a category to a buyer. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Assign Buyer Category” function. 2. The system displays the “Assign Buyer Category” form. 3. The system displays a list of all the buyers (buyer id, last name and first name). 4. The buyer liaison clerk selects the buyer who is being assigned a category. 5. The system displays the buyer’s details (buyer id, last name, and first name, and credit status). 6. The system displays the list of the categories (category id, category description, and importance) assigned to the selected buyer. 7. The system displays a list of the categories (category id and category description). 8. The buyer liaison clerk selects a category. 9. The buyer liaison clerk enters the importance of the category to the buyer (high, medium, or low). 10. The buyer liaison clerk elects to assign the category to the buyer. 11. The system saves the buyer category details (buyer id, category id, and importance) unless the buyer has already been assigned the selected category in which case an error message is displayed, and the system displays a list of the categories (category id and category description). 12. The system displays the “Category assigned to buyer successfully” message. 13. The system displays the “Assign another category?” prompt. 14. The buyer liaison clerk elects close the form. 15. The system closes the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 4A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 15.  10A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 15.  14A.1 The buyer liaison clerk elects to assign another category and the system returns to step 3. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |

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| **USE CASE NAME:** | Remove Buyer Category | **USE CASE TYPE** |
| **USE CASE ID:** | 12 | **Business Requirements: 🗹** |
| **PRIORITY:** | High |  |
| **PRIMARY BUSINESS ACTOR:** | Buyer liaison clerk | |
| **OTHER PARTICIPATING ACTORS:** |  | |
| **DESCRIPTION:** | This use case enables the buyer liaison clerk to remove a category from a selected buyer. | |
| **PRE-CONDITIONS:** | The buyer liaison clerk has logged onto the system | |
| **TYPICAL COURSE** | 1. The buyer liaison clerk selects the “Remove Buyer Category” function. 2. The system displays the “Remove Buyer Category” form with a list of all the buyers (buyer id, last name, and first name) who have categories assigned. 3. The buyer liaison clerk selects the buyer whose category is being removed. 4. The system displays the buyer’s details (buyer id, last name, first name, and credit status). 5. The system displays the list of the categories (category id, category description, and importance) for the selected buyer. 6. The buyer liaison clerk selects a category. 7. The buyer liaison clerk elects to remove the category from the buyer. 8. The system deletes the buyer category details. 9. The system displays the “Category removed from buyer successfully” message. 10. The system displays the “Remove another category?” prompt. 11. The buyer liaison clerk elects to closes the form. 12. The system closes the use case. | |
| **OF EVENTS:** |
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| **ALTERNATE COURSES:** | 3A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 12.  7A.1 The buyer liaison clerk elects to cancel the operation and the system skips to step 12.  11A.1 The buyer liaison clerk elects to remove another category and the system returns to step 2. | |
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| **POST CONDITIONS:** |  | |
| **ASSUMPTIONS:** |  | |