Use Case Documents

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| **Name of Use Case:** | Enter Contact | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 2/13/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to enter new contact | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * End User form | | |
| **Postconditions:** | * New entry should be searchable in DB | | |
| **Flow:** | 1. End User selects Enter Contact from menu 2. User enters contact information into form 3. New record is entered in the DB 4. Confirmation and record displayed to End User | | |
| **Alternative Flow:** |  | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify Contact | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 2/13/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | 1. End User selects Modify Contact from menu, triggering search 2. User selects what field to modify 3. User enters Record ID 4. User enters new information for field 5. App searches the DB for the contact 6. New data is entered into record and updates DB 7. Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | 1. If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | View Contact | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 2/13/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to view all contacts | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing records in database | | |
| **Postconditions:** |  | | |
| **Flow:** | 1. End User selects View Contact from menu, triggering DB access 2. All contacts are displayed | | |
| **Alternative Flow:** |  | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, Menu | | |

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| **Name of Use Case:** | Search Contact | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 2/13/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End user wants to search the contact table for a record | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * End User form | | |
| **Postconditions:** |  | | |
| **Flow:** | 1. End User selects Search Contact from menu, triggering search 2. User selects what field to search by 3. User enters information into form to search for existing entry 4. App searches the DB for matching information 5. If contact(s) are found, they are displayed including Record ID | | |
| **Alternative Flow:** | 1. If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Remove Contact | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 2/13/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to remove an existing contact | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database | | |
| **Postconditions:** | * Entry should not be searchable in DB | | |
| **Flow:** | 1. End User selects Modify Contact from menu, triggering search 2. User enters Record ID 3. Record is deleted from DB 4. Confirmation is displayed to End User | | |
| **Alternative Flow:** | 1. If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify First Name | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s First Name | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & First Name | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify Last Name | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s Last Name | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & Last Name | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify Address | | |
| **Created By:** | Kristin Newill | **Last Updated By:** |  |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s Address | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & Address | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify City | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s City | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & City | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify State | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s State | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & State | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| **Name of Use Case:** | Modify Zip Code | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s City | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & Zip Code | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Modify Telephone | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s Telephone | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & Telephone | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Modify Email | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to modify an existing contact’s Email | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Modify & Email | | |
| **Postconditions:** | * New entry information should be searchable in DB | | |
| **Flow:** | * User enters new information for field * New data is entered into record and updates DB * Confirmation and modified record displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Search by First Name | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to search by First Name | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Search & First Name | | |
| **Postconditions:** |  | | |
| **Flow:** | * User enters information in search field * App searches DB for matching values * Any matching contacts are displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Search by Last Name | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to search by Last Name | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Search & Last Name | | |
| **Postconditions:** |  | | |
| **Flow:** | * User enters information in search field * App searches DB for matching values * Any matching contacts are displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Search by Zip Code | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to search by Zip Code | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Search & Zip Code | | |
| **Postconditions:** |  | | |
| **Flow:** | * User enters information in search field * App searches DB for matching values * Any matching contacts are displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Search by Telephone | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to search by Telephone | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Search & Telephone | | |
| **Postconditions:** |  | | |
| **Flow:** | * User enters information in search field * App searches DB for matching values * Any matching contacts are displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** | Search by Email | | |
| **Created By:** | Kristin Newill | **Last Updated By:** | Kristin Newill |
| **Date Created:** | 3/20/19 | **Last Revision Date:** | 3/20/2019 |
| **Description:** | End User wants to search by Email | | |
| **Actors:** | End User, Contact DB | | |
| **Preconditions:** | * Existing record in database * End User form * User has selected Search & Email | | |
| **Postconditions:** |  | | |
| **Flow:** | * User enters information in search field * App searches DB for matching values * Any matching contacts are displayed to End User | | |
| **Alternative Flow:** | * If no contact found, Error is displayed, followed by menu screen | | |
| **Exceptions:** |  | | |
| **Requirements:** | Contact DB, End User form interface, Menu | | |

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| --- | --- | --- | --- |
| **Name of Use Case:** |  | | |
| **Created By:** |  | **Last Updated By:** |  |
| **Date Created:** |  | **Last Revision Date:** |  |
| **Description:** |  | | |
| **Actors:** |  | | |
| **Preconditions:** |  | | |
| **Postconditions:** |  | | |
| **Flow:** |  | | |
| **Alternative Flow:** |  | | |
| **Exceptions:** |  | | |
| **Requirements:** |  | | |