**Contact Management Client Use Cases**

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| **Name:** | Add Contact |
| **Summary:** | The user adds a new contact to the contacts database. |
| **Version:** | 1.0 |
| **Preconditions:** | 1. System backend is running.  2. User is authorized to add new contacts. |
| **Triggers:** | 1. User navigates to contacts management page.  2. User enters first name, last name, email, phone, address, and company information.  3. User saves the new contact. |
| **Main Success Scenario:** | A new contact is created. |
| **Alternative Success Scenarios:** | N/A |
| **Postconditions:** | 1. A new contact is created. 2. User is returned to contacts management page. |
| **Business Rules** | N/A |
| **Notes:** | Exception: System blocks creating a duplicated contact. |
| **Author:** | Zanele Hlongwane |
| **Date:** | 11/25/2019 |

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| --- | --- |
| **Name:** | Edit Contact |
| **Summary:** | The user edits an existing contact in the contacts database. |
| **Version:** | 1.0 |
| **Preconditions:** | 1. System backend is running.  2. User is authorized to edit contacts.  3. The contact exists in the database. |
| **Triggers:** | 1. User navigates to contacts management page.  2. User edits one or more fields: first name, last name, email, phone, address, and company.  3. User saves the edited contact. |
| **Main Success Scenario:** | An existing contact is edited. |
| **Alternative Success Scenarios:** | N/A |
| **Postconditions:** | 1. A contact is changed.  2. User is returned to contacts management page. |
| **Business Rules** | N/A |
| **Notes:** | Exception: System blocks editing contact into a duplicate. |
| **Author:** | Zanele Hlongwane |
| **Date:** | 11/25/2019 |

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| --- | --- |
| **Name:** | Delete Contact |
| **Summary:** | The user removes an existing contact in the contacts database. |
| **Version:** | 1.0 |
| **Preconditions:** | 1. System backend is running.  2. User is authorized to delete contacts.  3. The contact exists in the database. |
| **Triggers:** | 1. User navigates to contacts management page.  2. User deletes existing contact.  3. User saves the deleted contact. |
| **Main Success Scenario:** | A contact is deleted. |
| **Alternative Success Scenarios:** | N/A |
| **Postconditions:** | 1. A contact is deleted.  2. User is returned to contacts management page. |
| **Business Rules** | N/A |
| **Notes:** | Exception: System can’t delete contact if contact doesn’t exist. |
| **Author:** | Zanele Hlongwane |
| **Date:** | 11/25/2019 |

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| --- | --- |
| **Name:** | Close Window |
| **Summary:** | Close the program. |
| **Version:** | 1.0 |
| **Preconditions:** | 1. System Start. |
| **Triggers:** | 1. User selects close button. |
| **Main Success Scenario:** | Application closes. |
| **Alternative Success Scenarios:** | Application crashes but still closes. |
| **Postconditions:** | 1. Application is closed. |
| **Business Rules** | N/A |
| **Notes:** | User closes the application. |
| **Author:** | Zanele Hlongwane |
| **Date:** | 11/25/2019 |