**Test Case Document**

Project: Phonebook User Interface

Group 6

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| **Test Case** |  | **Description** | **Actual Results** | **Pass/Fail** | **Remarks** |
| **1.1** | **MAIN SCREEN** |  |  |  |  |
|  | Initial display | Shows all records in display field | All records displayed | Pass |  |
|  | Functionality | Add, Remove, Change, Search, Search and Reset | All buttons and text fields display | Pass |  |
|  |  |  |  |  |  |
| **01.4** | **ADD BUTTON** |  |  |  |  |
|  | Click add button | Initiates pop up window for user to add new record | Displays pop up window | Pass |  |
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| **01.4** | **ADD POP WINDOW** |  |  |  |  |
|  | First name text box | Entry for first name database field | Empty on initial display | Pass |  |
|  | Last name text box | Entry for last name database field | Empty on initial display | Pass |  |
|  | Phone number text box | Entry for phone number database field | Empty on initial display | Pass |  |
|  | Enter button – with input | Update database and main screen display with new record | Updates display with new record | Pass |  |
|  | Enter button – no input | Should not update database or main screen display. | Record updated with “No First” in first name field, “No Last” in last name field and “0000000000” in phone number field | Pass |  |
|  | Click enter button – first name input only | Should not update database or main screen display. | Record updated with “No Last” in last name field and “0000000000” in phone number field | Pass |  |
|  | Click enter button – last name input only | Should not update database or main screen display. | Record updated with “No First” in first name field and “0000000000” in phone number field | Pass |  |
|  | Click enter button – phone number input only | System auto-populates any empty field to indicate no entry | Record updated with text “No First” in first name field and “No Last” in last name field. | Pass |  |
|  | Click enter button – first name and last name input only | System auto-populates any empty field to indicate no entry | Record updates with “0000000000” in phone number field | Pass |  |
|  | Click enter button – first name and phone number input only | System auto-populates any empty field to indicate no entry | Record updates with “No Last” in last name field. | Pass |  |
|  | Click enter button – last name and phone number input only | System auto-populates any empty field to indicate no entry | Record updates with “No First” in first name field. | Pass |  |
|  | Requires 10 digit phone number – entered 10 digit phone number | System should update record. | System updates with 10-digit phone number | Pass |  |
|  | Requires 10-digit phone number – entered partial phone number | System does not update database or main screen. | No changes to main screen | Pass |  |
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| **1.5** | **REMOVE BUTTON** |  |  |  |  |
|  | Click remove button – record selected | Removes selected record from database and main screen display | Record removed and row deleted on main screen. | Pass |  |
|  | Click remove button – no record selected. | Should not remove any records and display should remain the same. | No action taken | Pass |  |
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| **1.6** | **CHANGE BUTTON** |  |  |  |  |
|  | Click change button – record selected | Should update database and show changes to record in main screen display | Displays prepopulated change pop up window with selected record. | Pass |  |
|  | Click change button – no record selected | Should not change any records and display should remain the same | No action taken | Pass |  |
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| **1.6** | **CHANGE POP UP WINDOW** |  |  |  |  |
|  | Initial display | Pop up text fields should be prepopulated with selected record data. | Pop up window with prepopulate fields showing selected record | Pass |  |
|  | Click enter button | Updated database with record changes and updates main screen display | Updated database and changed fields with new data | Pass |  |
|  |  |  |  |  |  |
| **1.7** | **SEARCH BUTTON / TEXT FIELD** |  |  |  |  |
|  | Click search button – first name and last name entered | Should not display any data. | Displays search results | Pass |  |
|  | Click search button – first name only entered | Should display search record match on main screen. | Display search results | Pass |  |
|  | Click search button – last name only entered | Should display search record match on main screen. | Displays search results | Pass |  |
|  | Click search button – phone number only entered | Should display search record match on main screen. | Displays search results | Pass |  |
|  | Click search button – partial name only entered | Should not display any data | No records displayed | Pass |  |
|  | Clicked search button no input entered | Should not display any data. | No records displayed, screen grays out | Pass |  |
|  | Null text field | Should not display any data on main screen. | No records displayed | Pass |  |
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| **1.7** | **RESET BUTTON** |  |  |  |  |
|  | Click reset button | Resets the screen to initial display | Displays all records | Pass |  |
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| 02.01 | **DATABASE** |  |  |  |  |
|  | Database updated – add record | Adds record to database | Record added. | Pass |  |
|  | Database updated – change record | Updates record in database | Record updated | Pass |  |
|  | Database updated – remove record | Delete record from database | Record removed. | Pass |  |
|  | Database updated – search records | Search the database for matching records | Matching records found. | Pass |  |