# Assignment 1 Test Plans

**Common Test Cases for Add New Contact Use Case (Common to both Business and Personal Contacts)**

| **Scenario** | **Expected Results** | | | | |
| --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **DOB** | **Street**  **City**  **Province**  **Postal Code** | **E-mail** | | **Cell #** | **Next**  **Contact**  **Number** | **Result** |
| 1. Add contact – all fields entered and correct | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1001 | Message displayed: Item 1000 was successfully added |
| 1. First name field not entered | Lucas |  | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1002 | Error displayed: Contact’s full name must be entered |
| 1. Last name field not entered |  | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1002 | Error displayed: Contact’s full name must be entered |
| 1. No date of birth is entered | Lucas | George |  | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1003 | The date of birth fields are set to 0/0/0 |
| 1. Invalid date of birth is set | Lucas | George | 33  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1003 | Invalid fields are cleared.  Error displayed: Date of birth must be numeric and in the appropriate range |
| 1. Incomplete address is provided | Lucas | George | 14  03  1944 | 123 Main  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1004 | City field is set to “n/a” |
| 1. Incorrect Postal code format | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V23T | georgelucas@hotmail.com | | 819-345-4567 | 1005 | Postal code field is cleared.  Error displayed: The postal code must follow the postal code format (X0X0X0) |
| 1. E-mail is not specified | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 |  | | 819-345-4567 | 1006 | Error displayed: The e-mail address must be entered |
| 1. Invalid email is entered | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucashotmailcom | | 819-345-4567 | 1006 | Email address field is cleared.  Error displayed: The email address is invalid |
| 1. Cellphone number is not specified | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | |  | 1007 | Cellphone number is set to “n/a” |
| 1. Invalid cellphone number is displayed | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4s67 | 1008 | Cellphone number field is cleared.  Error displayed: Cellphone number must follow cthe cellphone number format (000-000-0000) |
| 1. The clear button is clicked | Lucas | George | 14  03  1944 | 123 Main  Gatineau  Quebec  Q2V2T3 | georgelucas@hotmail.com | | 819-345-4567 | 1009 | All fields are cleared |

**Test Cases for Add New Personal Contact Use Case**

| **Scenario** | **Expected Results** | | | | |
| --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **DOB** | **Street**  **City**  **Province**  **Postal Code** | **E-mail** | | **Cell #**  **Home #** | **Twitter Handle Instagram Name** | **Relation-ship** | **Contact**  **Record** | **Next**  **Contact**  **Number** | **Result** |
| 1. Add personal contact – all fields entered and correct | Doe | Jane | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | Jane.doe@hotmail.com | | 819-345-4567  819-123-4567 | @jdoe  Jane99 | 02 | 1st record in file (see below) | P1001 | Message displayed: Item P1000 was successfully added |
| 1. Optional field Instagram username not entered | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567  819-123-4567 | @doe | 03 | 2nd record in file | P1002 | Instagram username is stored in file as n/a  Message displayed: Item P1001 was successfully added |
| 1. Home phone number is not entered | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567 | @doe  John.doe | 03 | 3rd record in file | P1003 | Home phone number is stored as “n/a”  Message displayed: Item P1002 was successfully added |
| 1. Invalid home phone number is entered | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567  819-12e-4567 | @doe  John.doe | 03 | No record in file | P1003 | Home phone number field is cleared.  Error displayed: The home phone number must follow the phone number format (000-000-0000) |
| 1. Twitter handle is not entered | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567  819-123-4567 | John.doe | 03 | 4th record in file | P1004 | Twitter handle is stored as “n/a”.  Message displayed: Item P1003 was successfully added |
| 1. Relationship is not entered | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567  819-123-4567 | @doe  John.doe |  | No record in file | P1004 | Error displayed: The relationship must be entered |
| 1. Relationship is not valid | Doe | John | 02  12  2002 | 123 Main  Gatineau  Quebec  Q2V2T3 | John.doe@hotmail.com | | 819-345-4567  819-123-4567 | @doe  John.doe | 24 | No record in file | P1004 | Relationship field is cleared.  Error displayed: The relationship is invalid |

**personalContacts.txt**

P1000~Doe~Jane~02~02~2002~123 Main~Gatineau~Quebec~Q2B2T3~Jane.doe@hotmail.com~819-345-4567~819-123-4567~@jdoe~Jane99~02

P1001~Doe~John~02~02~2002~123 Main~Gatineau~Quebec~Q2B2T3~John.doe@hotmail.com~819-345-4567~819-123-4567~@doe~n/a~03

P1002~Doe~John~02~02~2002~123 Main~Gatineau~Quebec~Q2B2T3~John.doe@hotmail.com~819-345-4567~n/a~@doe~John.doe~03

P1003~Doe~John~02~02~2002~123 Main~Gatineau~Quebec~Q2B2T3~John.doe@hotmail.com~819-345-4567~819-123-4567~n/a~John.doe~03

**Test Cases for Add New Business Contact Use Case**

| **Scenario** | **Expected Results** | | | | |
| --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **DOB** | **Street**  **City**  **Province**  **Postal Code** | **E-mail** | | **Cell #**  **Work #** | **Company Name**  **Department** | **Job Title** | **Contact**  **Record** | **Next**  **Contact**  **Number** | **Result** |
| 1. Add personal contact – all fields entered and correct | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567  819-123-4567 | Tesla  Management | CEO | 1st record in file (see below) | B1001 | Message displayed: Item B1000 was successfully added |
| 1. Business phone is not specified | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567 | Tesla  Management | CEO | 2nd record in file | B1002 | Business phone is set to “n/a”  Message displayed: Item B1001 was successfully added |
| 1. Invalid business phone is entered | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567  819-123-4s67 | Tesla  Management | CEO | No record in file | B1002 | Business phone number field is cleared.  Error displayed: The business phone number must follow the phone number format (000-000-0000) |
| 1. Company name is not entered | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567  819-123-4567 | Management | CEO | No record in file | B1002 | Error displayed: The company name must be entered |
| 1. Department name is not entered | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567  819-123-4567 | Tesla | CEO | 3rd record in file | B1003 | Department name is stored as “n/a”  Message displayed: Item B1002 was successfully added |
| 1. Job title is not entered | Musk | Elon | 28  6  1971 | 123 Main  Gatineau  Quebec  Q2V2T3 | emusk@outlook.com | | 819-345-4567  819-123-4567 | Tesla  Management |  | 4th record in file | B1004 | Job title is stored as “n/a”  Message displayed: Item B1003 was successfully added |

**businessContacts.txt**

B1000~Musk~Elon~28~06~1971~123 Main~Gatineau~Quebec~Q2B2T3~emusk@outlook.com~819-345-4567~819-123-4567~Tesla~Management~CEO

B1001~Musk~Elon~28~06~1971~123 Main~Gatineau~Quebec~Q2B2T3~emusk@outlook.com~819-345-4567~n/a~Tesla~Management~CEO

B1002~Musk~Elon~28~06~1971~123 Main~Gatineau~Quebec~Q2B2T3~emusk@outlook.com~819-345-4567~819-123-4567~Tesla~n/a~CEO

B1003~Musk~Elon~28~06~1971~123 Main~Gatineau~Quebec~Q2B2T3~emusk@outlook.com~819-345-4567~819-123-4567~Tesla~Management~n/a