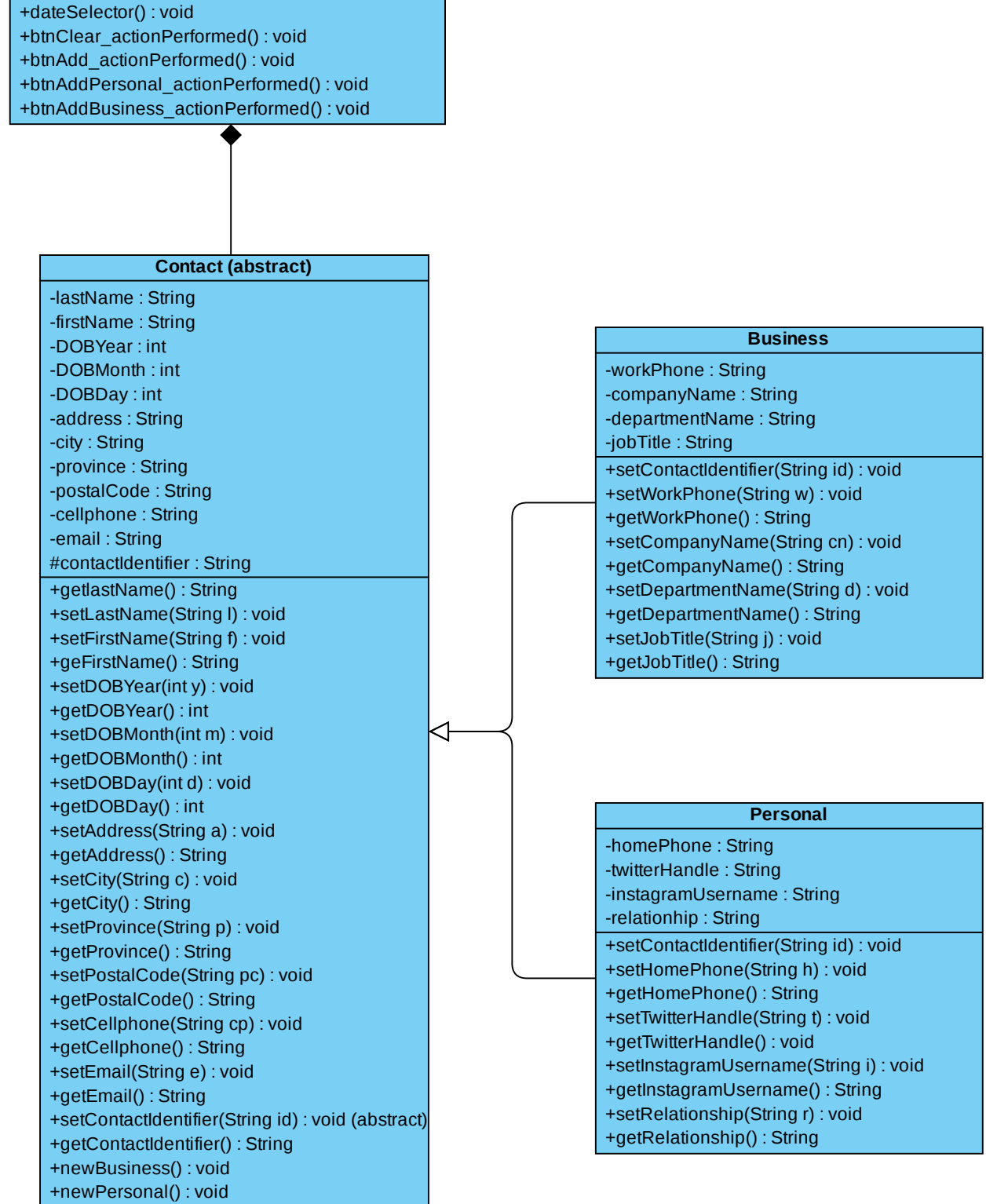


420-G20 Assignment 1
Greg Amyotte





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
2. 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
3. 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
4. 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
5. 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
6. 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"

Scenario	Expected Results							
	Last Name	First Name	DOB	Street City Province Postal Code	E-mail	Cell #	Next Contact Number	Result
7. 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)
8. 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
9. 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
10. 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"
11. 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)
12. 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	
2. 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	2 nd record in file	P1002	Instagram username is stored in file as n/a Message displayed: Item P1001 was successfully added	
3. 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	3 rd record in file	P1003	Home phone number is stored as “n/a” Message displayed: Item P1002 was successfully added	
4. 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)	
5. 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	4 th record in file	P1004	Twitter handle is stored as “n/a”. Message displayed: Item P1003 was successfully added	

Scenario	Expected Results										
	Last Name	First Name	DOB	Street City Province Postal Code	E-mail	Cell # Home #	Twitter Handle Instagram Name	Relationship	Contact Record	Next Contact Number	Result
6. 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
7. 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					Cell # Work #	Company Name Department	Job Title	Contact Record	Next Contact Number	Result
	Last Name	First Name	DOB	Street City Province Postal Code	E-mail						
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
2. Business phone is not specified	Musk	Elon	28 6 1971	123 Main Gatineau Quebec Q2V2T3	emusk@outlook.com	819-345-4567	Tesla Management	CEO	2 nd record in file	B1002	Business phone is set to “n/a” Message displayed: Item B1001 was successfully added
3. 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)
4. 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
5. 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	3 rd record in file	B1003	Department name is stored as “n/a” Message displayed: Item B1002 was successfully added

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
6. 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		4 th 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

Contact List

First Name:	<input type="text"/>	Last Name:	<input type="text"/>
DOB:	<div>YYYY <div></div></div>	<div>MM <div></div></div>	<div>DD <div></div></div>
Address:	<input type="text"/>		
City:	<input type="text"/>		
Province:	<div><div></div><div></div></div>		
Postal Code:	<input type="text"/>		
Cellphone:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Email:	<input type="text"/>		
Add			
<div>Personal</div>		<div>Business</div>	
Home Phone:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Work Phone:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twitter:	<input type="text"/>		
Company:	<input type="text"/>		
Instagram:	<input type="text"/>		
Department:	<input type="text"/>		
Relationship:	<div>Unknown <div></div></div>		
Job Title:	<input type="text"/>		
<div>Add</div>		<div>Clear</div>	