

# Phase 1

Software Testing

March 13, 2020

Justify my choice		
In Condition Stubs	<b>T</b> = true or click on this or valid	<b>F</b> = false or not click on this or invalid
In Action Stubs	<b>T</b> = true or visible	<b>F</b> = false or invisible

## Decision Tables

A.

	Rules			
Condition	1	2	3	4
User Name > 0 char	T	T	F	F
Password >= 6 char	T	F	T	F
Action				
Error Message	F	T	T	T
Main Window	F	T	T	T
Contact List Area	T	F	F	F
Contact Details Area	F	F	F	F

	Rules	
Condition	1	2
Select a Contact On The List	T	F
Action		
The Contact Details Area Is Populated	T	F
Add Button	T	T
Filter Button	T	T
Update Button	T	F
Delete Button	T	F
Cancel Button	F	F
Save Button	F	F

# Phase 1

Software Testing

March 13, 2020

Add , Save , Update

Condition	Rules	
	1	2
Press Add Button	T	F
Action		
Contact Details Area	T	F
Contact List Area	F	T
Add Button	F	T
Filter Button	T	F
Update Button	T	F
Delete Button	F	F
Cancel Button	T	F
Save Button	T	F

Condition	Rules	
	1	2
Press Save Button	T	F
Action		
Contact Details Area	F	F
The Contact Details Area Is Populated	T	T
Contact List Area	T	F
Add Button	T	F
Filter Button	T	F
Update Button	T	F
Delete Button	T	F
Cancel Button	F	T
Save Button	F	T

Condition	Rules	
	1	2
Press Update Button	T	F
Action		
Contact Details Area	T	F
The Contact Details Area Is Populated	T	T
Contact List Area	F	T
Add Button	F	T
Filter Button	F	T
Update Button	F	T
Delete Button	F	T
Cancel Button	T	F
Save Button	T	F

# Phase 1

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March 13, 2020

Delete

Condition	Rules	
	1	2
Press Delete Button	T	F
Action		
Contact Details Area	T	F
Warning Message to Cancel or Ok	T	F
The Contact Details Area is Populated	T	T
Contact List Area	F	T
Add Button	F	T
Filter Button	F	T
Update Button	F	T
Delete Button	F	T
Cancel Button	T	F
Save Button	T	F

Condition	Rules	
	1	2
Warning Message Press Cancel	T	F
Action		
Contact Details Area	F	F
Remove Contact	F	F
The Contact Details Area is Populated	T	T
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	T	T
Delete Button	T	T
Cancel Button	F	F
Save Button	F	F

Condition	Rules	
	1	2
Warning Message Press OK	T	F
Action		
Contact Details Area	F	F
Remove Contact	T	F
The Contact Details Area is Populated	F	T
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	F	T
Delete Button	F	T
Cancel Button	F	F
Save Button	F	F

# Phase 1

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Filter , Export Data

	Rules	
Condition	1	2
Enter Name or Nickname and Press Filter	T	F
Action		
Contact Details Area	F	F
List of Contacts	T	F
The Contact Details Area is Populated	F	T
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	T	T
Delete Button	T	T
Cancel Button	F	F
Save Button	F	F

	Rules	
Condition	1	2
Select Export Data From The File Menu	T	F
Action		
Contact Details Area	F	F
Export Each Contact in a Separate File	T	F
List of Contacts	T	T
The Contact Details Area is Populated	F	F
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	F	F
Delete Button	F	F
Cancel Button	F	F
Save Button	F	F

# Phase 1

Software Testing

March 13, 2020

## Import Data

Condition	Rules	
	1	2
Select Import Data From The File Menu	T	F
Action		
Contact Details Area	F	F
Information Message to Cancel or OK	T	F
List of Contacts	T	T
The Contact Details Area is Populated	F	F
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	F	F
Delete Button	F	F
Cancel Button	F	F
Save Button	F	F

Condition	Rules	
	1	2
Information Message Press OK	T	F
Action		
Contact Details Area	F	F
List of Contacts	F	T
The Contact Details Area is Populated	F	F
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	F	F
Delete Button	F	F
Cancel Button	F	F
Save Button	F	F

Condition	Rules	
	1	2
Information Message Press Cancel	T	F
Action		
Contact Details Area	F	F
List of Contacts	T	T
The Contact Details Area is Populated	F	F
Contact List Area	T	T
Add Button	T	T
Filter Button	T	T
Update Button	F	F
Delete Button	F	F
Cancel Button	F	F
Save Button	F	F

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Software Testing

March 13, 2020

## Change User

Condition	Rules	
	1	2
Select Change User From the File Menu	T	F
Action		
Contact Details Area	F	F
Main Window	T	F
List of Contacts	F	T
The Contact Details Area is Populated	F	F
Contact List Area	F	T
Add Button	F	T
Filter Button	F	T
Update Button	F	F
Delete Button	F	F
Cancel Button	F	F
Save Button	F	F

C.

No:	The set of bugs
1	Populate information in contact details area all text box include 0 char.
2	Add Contact inside contact list area without user name and password will deleted this contact when change user.
3	Cannot Change user name and password in any contact.
4	The application cannot save contact when close the app and open it.

# Phase 1

- Red highlight is Error

B.

Valid test case	Invalid test case
<div>Test Case 1</div> <div>User name : mohd98 Password : 1234567 First name : mohammad Last name : tawil Nickname : mo Phone number : 0780000000 Address Street : m20 Pc : 1            Region : south City : irbid     Country : Jordan E-mail address : <a href="mailto:mo@outlook.com">mo@outlook.com</a> Birth date : 3/3/1998</div>	<div>Test Case 2</div> <div>User name : mohd99 Password : 000000 First name : mohammad Last name : tawil Nickname : mo1 Phone number : m1020200 Address Street : m21 Pc : 1            Region : south1 City : irbid     Country : Jordan E-mail address : <a href="mailto:mo1@outlook.com">mo1@outlook.com</a> Birth date : 3/3/1998</div>
<div>Test Case 3</div> <div>User name : mohd101 Password : 1234567 First name : mohammad Last name : tawil Nickname : mo Phone number : 0780000000 Address Street : m20 Pc : 2            Region : south City : irbid     Country : Jordan E-mail address : <a href="mailto:mo2@outlook.com">mo2@outlook.com</a> Birth date : 3/3/1998</div>	<div>Test Case 4</div> <div>User name : mohd100 Password : 000000 First name : mohammad Last name : tawil Nickname : mo1 Phone number : 1020200 Address Street : m21 Pc : SE1            Region : south1 City : irbid     Country : Jordan E-mail address : <a href="mailto:mo3@outlook.com">mo3@outlook.com</a> Birth date : 3/3/1998</div>

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Valid test case	Invalid test case
<div>Test Case 1</div> <div>User name : m Password : 123456 First name : Last name : Nickname : mo Phone number : 0780000000 Address Street : m20 Pc :           Region : City :           Country : Jordan E-mail address : Birth date :</div>	<div>Test Case 2</div> <div>User name : Password : 000000 First name : mohammad Last name : tawil Nickname : mo1 Phone number : 10990200 Address Street : m21 Pc : 1           Region : south1 City : irbid    Country : Jordan E-mail address : <a href="mailto:mo4@outlook.com">mo4@outlook.com</a> Birth date : 3/3/1998</div>
<div>Test Case 3</div> <div>User name : mo Password : 1234567 First name : Last name : Nickname : Phone number : Address Street : Pc :           Region : City :           Country : E-mail address : Birth date :</div>	<div>Test Case 4</div> <div>User name : mohd200 Password : 12345 First name : mohammad Last name : tawil Nickname : mo1 Phone number : 102770200 Address Street : m21 Pc : 4           Region : south1 City : irbid    Country : Jordan E-mail address : <a href="mailto:mo5@outlook.com">mo5@outlook.com</a> Birth date : 3/3/1998</div>