Functional Tests

Test 1: **Add a Contact**

Test Type: **Functional**	Execution Type: **Manual**
Objective: Verify that a new contact has been added.	
Pre-Conditions: < • User has initialized the database (i.e. successfully run the application for the first time) >	
Notes: [1] Add contact's personal details [2] Add contact's image [3] Confirm the contact details [4] Verify that the contact has been added to the database and is viewable Do not use special characters to fill in contact Name. Do not use non-digit characters to fill in contact phone number. Only necessary fields are contact name and company name. Validate email field and phone number.	
Time Constraint: Maximum: 5 min	

Test 2: Define a new contact group

Test Type: **Functional**	Execution Type: **Manual**
Objective: Verify that a new group has been defined.	
Pre-Conditions: < • User has initialized the database (i.e. successfully run the application for the first time) >	
Notes: [1] Confirm name of new group [2] Be able to select contacts to be in new group [3] Verify that the group has been added to the database and is viewable on Groups Overview page [4] Verify that group contains correct contacts Group must have a name. Group must have at least one contact inside.	
Time Constraint: Maximum: 5 min	

Test 3: Delete a contact group

Test Type:	Execution Type:
Functional	**Manual**

Objective:	
Verify that a group was correctly deleted from the database	

Pre-Conditions:
<
• A group has been created
>

Notes:
[1] Confirm group you want to delete (through selection)
[2] Press delete icon in app bar
[3] An alert pops up on the screen prompting the user to confirm that they want to delete the group
[4] After clicking to confirm deletion, the user is navigated back to the list of all contact groups.
[5] Check that the deleted group no longer appears with the other groups

Time Constraint:
Maximum: 5 min

Test 4: Add a contact to a group

Test Type:	Execution Type:
Functional	**Manual**

Objective:	
Verify that contacts are correctly added to the database and show up in the group view.	

Pre-Conditions:
<
• A group has been created
• The desired contact exists in the database and is viewable in the application
• The group does not already contain the target contact (i.e. the contact to be added)
>

Notes:
[1] Confirm group you want to add contact to (through selection)
[2] Press search icon in app bar
[3] You are taken to the group member editing screen, where all contacts are listed and contacts already in the group are distinct
[4] Click on the desired target. Some sort of visual feedback is required
[5] Click on the "Save Changes" button
[6] You are navigated back to the group details screen, with the new contact now appearing

Time Constraint:
Maximum: 5 min