Split It: Acceptance Testing

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Document description: Describes the acceptance tests for the Split It
Android application, where the user stories are tested from a "customer"
perspective.

Add a contact to a list

Test ID: T01
Test case description: Add a contact to a list
Precondition: Viewing the contact list
Test steps:

Variation 1
1. Press the "Contacts" button
2. Press the "New..." button
3. Input the following in the "Name of your new friend" field:
   1. "Anders Andersson"
4. Press the "Yes" button to add a phone number to Anders Andersson
5. Input the following in the "Contact phone number" field:
   1. 0700000000
6. Press the "Yes" button to connect this phone number with the contact
7. Press the "OK" button

Variation 2
1. Press the "Contacts" button
2. Press the "New..." button
3. Input the following in the "Name of your new friend" field:
   1. "Anders Andersson"
4. Press the "Yes" button to add a phone number to Anders Andersson
5. Input the following in the "Contact phone number" field:
   1. 0700000000
6. Press the "Yes" button to connect this phone number with the contact
7. Press the "OK" button
8. Press the "New..." button
9. Input the following in the "Name of your new friend" field:
   1. "Anders Andersson"
10.   Press the "Yes" button to add a phone number to t
11.   Input the following in the "Contact phone number" field:
   1. 0700000000
12.   Press the "Yes" button to connect this phone number with the contact
13.   Press the "OK" button

Variation 3
1. Press the "Contacts" button
2. Press the "New..." button
3. Input the following in the "Name of your new friend" field:
   1. "Anders Andersson"
4. Press the "No" button to not add a phone number to Anders Andersson
5. Press the "Yes" button to connect to add this contact to the contact list without a phone number

Expected result

Variation 1
- You receive a message that says "You have added Anders Andersson to your list of contacts!". The contact is added to the list of contacts, with the details:
  - Name: "Anders Andersson"
  - Phone number: "0700000000"
  - Debt: "0"

Variation 2
- When you try add another contact with an already existing name, the contact is not added twice.

Variation 3
- You receive a message that says "You have added Anders Andersson to your list of contacts!". The contact is added to the list of contacts, with the details:
  - Name: "Anders Andersson"
  - Debt: "0"

Related user story
- Add contacts to my contact lists

Increase a debt or decrease an owing to an existing contact

Test ID: T02.1
Test case description: Change a debt or owing to an existing contact
Precondition: Must have Anders Andersson in the contact list
Test steps:

Variation 1:
1. Press the "Debts" button
2. Press the "They owe me" button
3. Choose the following name:
   1. "Anders Andersson"
4. Input the follwing in the "Debt" field:
   1. "10"
5. Press the "Yes" button to confirm that you want to add a debt of 10 kr to Anders Andersson
6. Press the "Yes" button to not send a notification to Anderson Andersson by SMS

Expected result

Variation 1
- You receive a message that says "Your debt situation with Anders Andersson has been updated. The contact list is updated, with the debt increased or the owing decreased by 10 for the contact Anders Andersson. Anders Andersson will receive an SMS that explains the changes in the debt situation. This gives him the opportunity to accept/reject the debt or owig by changning or not changing the debt situation to you on his own phone.

Related user story:
- Add a debt to a contact
- Accumulate debts with a contact
- Accept/reject a debt that someone associates to you

Decrease a debt or increase an owing to an existing contact

Test ID: T02.2
Test case description: Change a debt or owing to an existing contact
Precondition: Must have Anders Andersson in the contact list
Test steps:

Variation 1:
1. Press the "Debts" button
2. Press the "I owe them" button
3. Choose the following name:
   1. "Anders Andersson"
4. Input the follwing in the "Debt" field:
   1. "10"
5. Press the "Yes" button to confirm that you want to add an owing of 10 kr to Anders Andersson
6. Press the "No" button to not send a notification to Anderson Andersson by SMS

Expected result

Variation 1
- You receive a message that says "Your debt situation with Anders Andersson has been updated. The contact list is updated, with the debt decreased or the owing increased by 10 for the contact Anders Andersson.

Related user story:
- Add a debt to a contact
- Accumulate debts with a contact

Show contact list

Test ID: T03
Test case description: Show the list of all contacts
Precondition:
Test steps:

Variation 1
    1. Press the "Contacts" button
    2. Press the "View contacts" button

Expected result

Variation 1
- The contact list is shown.

Related user story
- View what my total owing are
- View what others total debts to me are
- Get a status of my total owings/debts (total owings from other – total debts i have)

Split a debt

Test ID: T04
Test case description: Split a debt between several contacts
Precondition: Must have more than one contact in the contact list.
Test steps:

Variation 1
1. Press the "Debts" button
2. Press the "They owe me" button
3. Input the contacts who participated in the event by checking the boxes.
4. Press the "Next" button
5. Input the debt amount in the "Debt" field
6. Press the "Next" button
7. Press the "Yes" button to confirm that you want to split the debt between these contacts.
8. Press the "No" button to not notify your contacts by sending an SMS

Expected result

Variation 1
- The contact list is updated, with the debt increased for these three contacts.

Related user story
- Split a debt between several contacts

Create an event

Test ID: T05
Test case description: Create an event
Precondition: Must have at least one contact in the contact list.
Test steps:

Variation 1
1. Press the "Events" button
2. Press the "Date" button
    1. Input the date of the event
    2. Press the "OK" button
3. Press the "Create" button
    1. Input the name of the event
    2. Press the "OK" button
    3. Input the cost of the event
    4. Press the "OK" button
    5. Input the contacts who participated in the event by checking the boxes.
    6. Press the "OK" button
    7. You receive a message that says "You have added [names of participating contacts] to [name of the event] that took place on [date]". Press the "OK" button

Expected result

Variation 1
- An event is created with a date, names of participating contacts and an associated debt. The debt is split equally between the participating contacts. This changes the debt situations for these particular contacts, and that can be seen in the contact list.

Related user story
1. Create an "event" with an associated debt
2. Add contacts to an event