# Poor Man's Account Tracker User Guide

Ian Buttimer

Version 1.00

04 December 2014

# Contents

# 1 After application first run


When the application is first run, the database will be in the following state:

- Currencies added
- Some well know banks added
- Transaction categories added
- No users configured
- No accounts configured

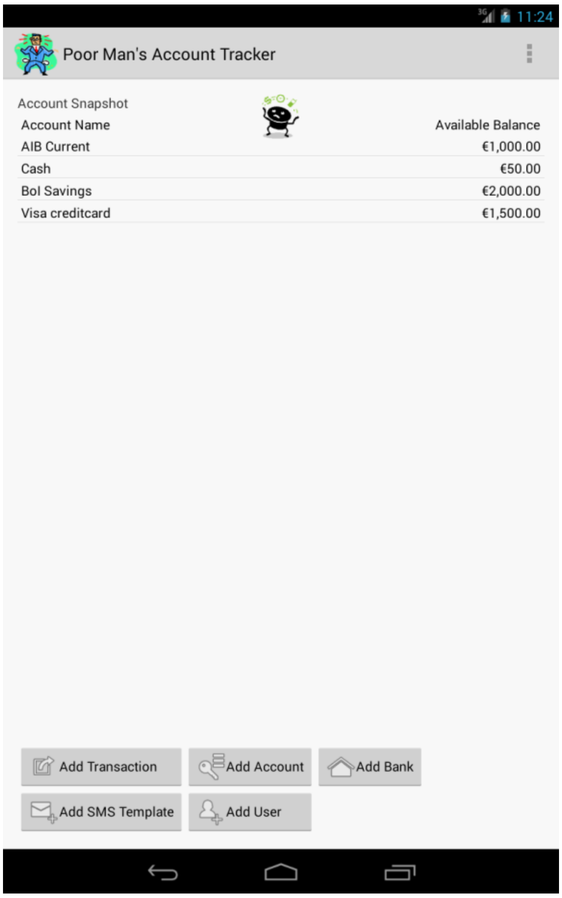
The first thing the user needs to do is to configure any accounts they wish to track.

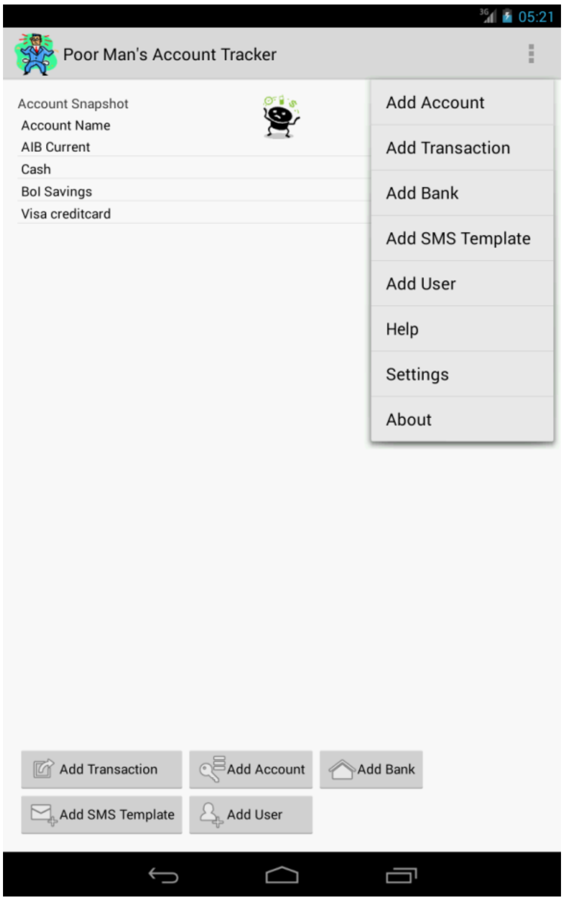
## 2 Account Snapshot

The Account Snapshot screen provides an overview of all the configured accounts and their current balances.

Transaction details for each account may be accessed by selecting the account from the list. See *View Account Transactions* for more details

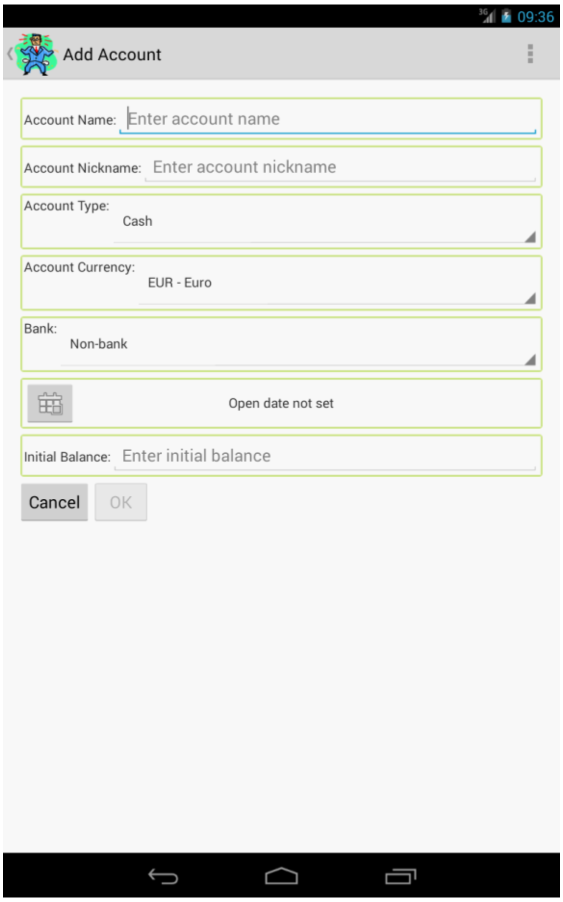
In addition, the user may use the buttons on the bottom of the screen to access common functionality.



# 3 Create a new account

Create a new account by selecting the 'Add Account' option from the menu or alternatively, by selecting the 'Add Account' button from the Account Snapshot screen.




The user must:

- Enter an account name
- Enter an account nickname
  (*Note:* this should be the nickname used for text banking)
- Select an account type
- Select an account currency
  (*Note:* Currency will default to the currency for the current phone locale)
- Select the bank where the account is held
- Enter an initial balance
- Depending on the account type, the user will need to:
  - Enter a credit limit if the account type is 'Creditcard'
  - Enter an overdraft limit if the account type is 'Current'

They may also specify an Open date if desired. If no Open date is specified the current date is used.

After the user creates the account by selecting the 'OK' button, the Account Snapshot screen will be displayed where the new account will be added to the account listing.

# 4 Create a new bank

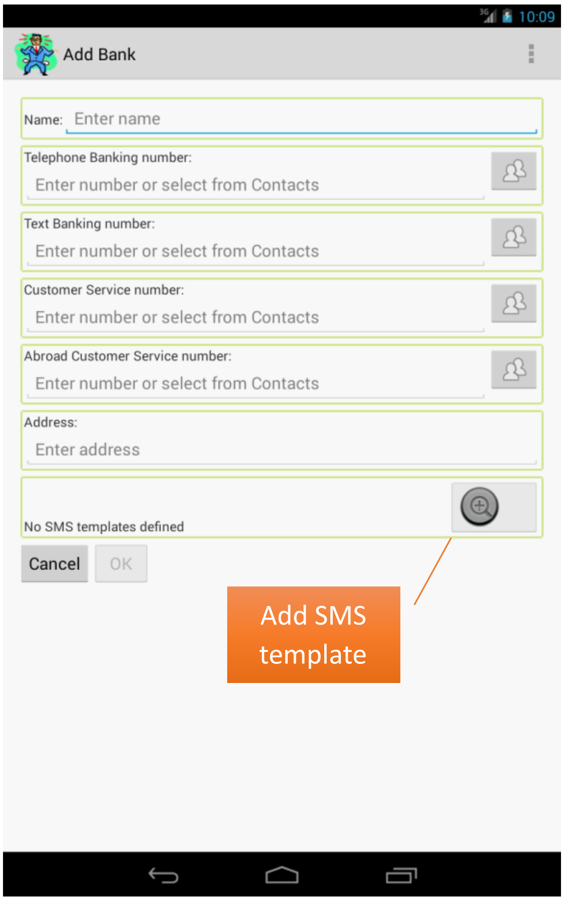
Additional banks may be added to the database by selecting the 'Add Bank' option from the menu or alternatively, by selecting the 'Add Bank' button from the Account Snapshot screen.

The user must:

- Enter the bank name

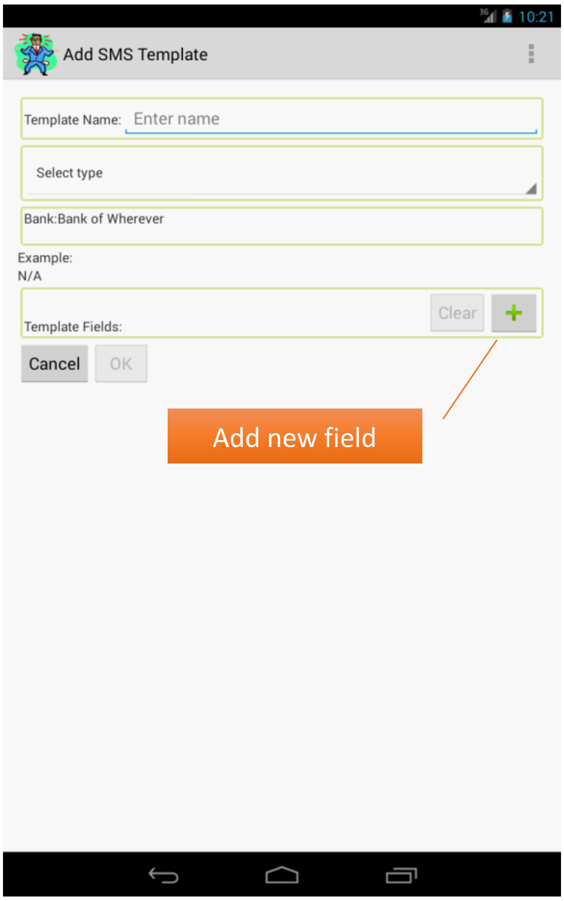
In addition the user may:

- Enter Phone Banking, Text Banking and Customer Service numbers
(*Note:* A phone number from the phone Contacts may be entered by selecting the Contacts button)
- Enter an address
- Configure Text Banking templates
(*Note:* A Text Banking number must be entered before Text Banking templates may be added, see *Create a new Text Banking Template* for further details)




The user may save the new bank by selecting the 'OK' button once all the required information has been entered.

# 5 Create a new Text Banking Template





Additional Text Banking Templates may be added to the database by selecting the ‘Add SMS Template’ option from the menu or alternatively, by selecting the ‘Add SMS Template’ button from the Account Snapshot screen. They may also be added during the creation of a new bank or editing of an existing bank.

The user must:

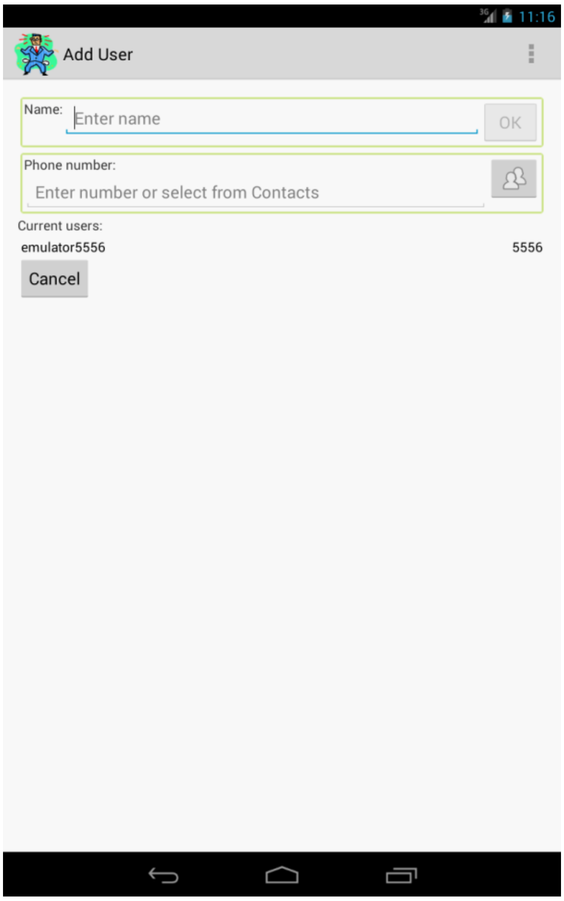
- Enter the template name
- Select the template type
- Select the bank (if action was initiated from the Account Snapshot screen or its menu)
- Add template fields

A template field may be one of the following

- Fixed text
  Text as specified when the template is created
- Account number
- Amount

The user may save the new template by selecting the ‘OK’ button once all the required information has been entered.

# 6 Add a User




Create a new user by selecting the 'Add User' option from the menu or alternatively, by selecting the 'Add User' button from the Account Snapshot screen.

The user must:

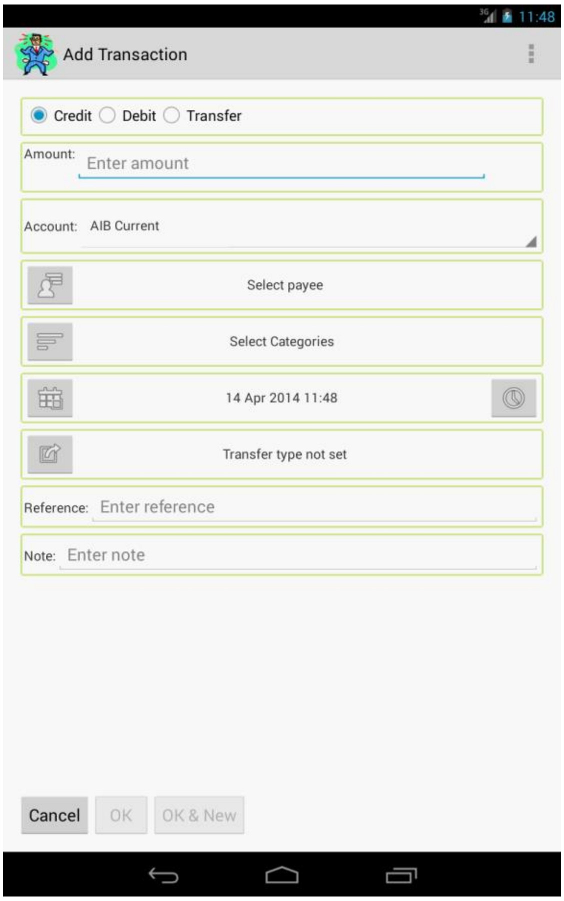
- Enter the user name
- Enter the user number
  (*Note:* A phone number from the phone Contacts may be entered by selecting the Contacts button)

An existing user may be edited by selecting the user from the list and updating the details.

Currently users will be notified of new transactions entered in the database via text message.

The user may save the new/updated user by selecting the 'OK' button once all the required information has been entered.

# 7 Add a Transaction




New transactions may be added to the database by selecting the 'Add Transaction' option from the menu or alternatively, by selecting the 'Add Transaction' button from the Account Snapshot screen.

The user may edit existing transactions, see *View Account Transactions* for more details

The user must:

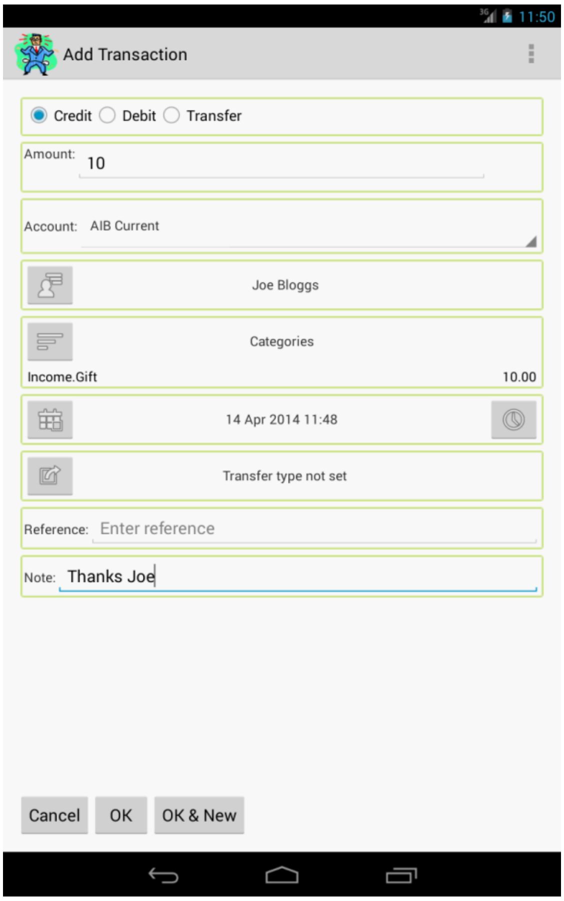
- Select the transaction type
- Enter the amount
- Select the account
- In the case of a transfer, the destination account must be selected

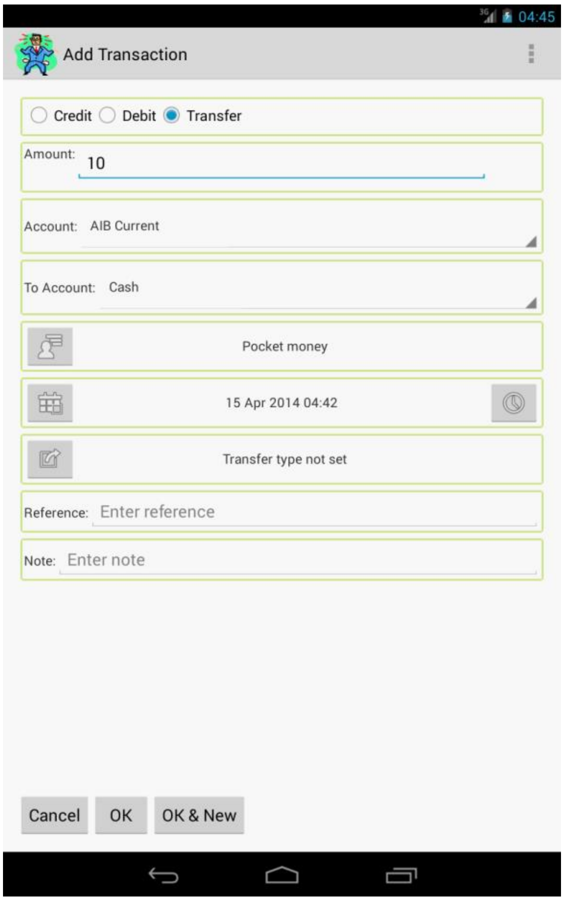
In addition the user may also:

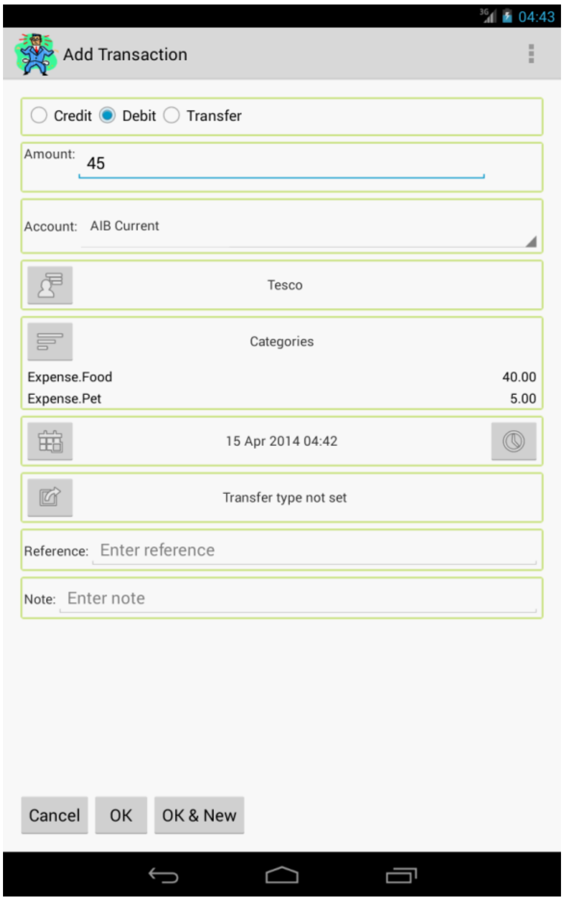
- Assign a category or multiple categories (*Note:* categories do not apple to transfer transactions)
- Select a transaction date and time
- Enter a transaction reference
- Enter a note

There is also the option to select a transfer type, but the application currently only supports one type, i.e. instant. In the future support will be added for delayed transfers, e.g. a cheque takes 5 working days to clear.

The user may save the new/updated transaction by selecting the 'OK' button once all the required information has been entered. If the 'OK & New' button is selected, the user can enter another transaction immediately.


11:50
Add Transaction
Credit Debit Transfer
Amount: 10
Account: AIB Current
Joe Bloggs
Categories
Income.Gift 10.00
14 Apr 2014 11:48
Transfer type not set
Reference: Enter reference
Note: Thanks Joe
Cancel
OK
OK & New


04:45
Add Transaction
Credit Debit Transfer
Amount: 10
Account: AIB Current
To Account: Cash
Pocket money
15 Apr 2014 04:42
Transfer type not set
Reference: Enter reference
Note: Enter note
Cancel
OK
OK & New


04:43
Add Transaction
Credit Debit Transfer
Amount: 45
Account: AIB Current
Tesco
Categories
Expense.Food 40.00
Expense.Pet 5.00
15 Apr 2014 04:42
Transfer type not set
Reference: Enter reference
Note: Enter note
Cancel
OK
OK & New

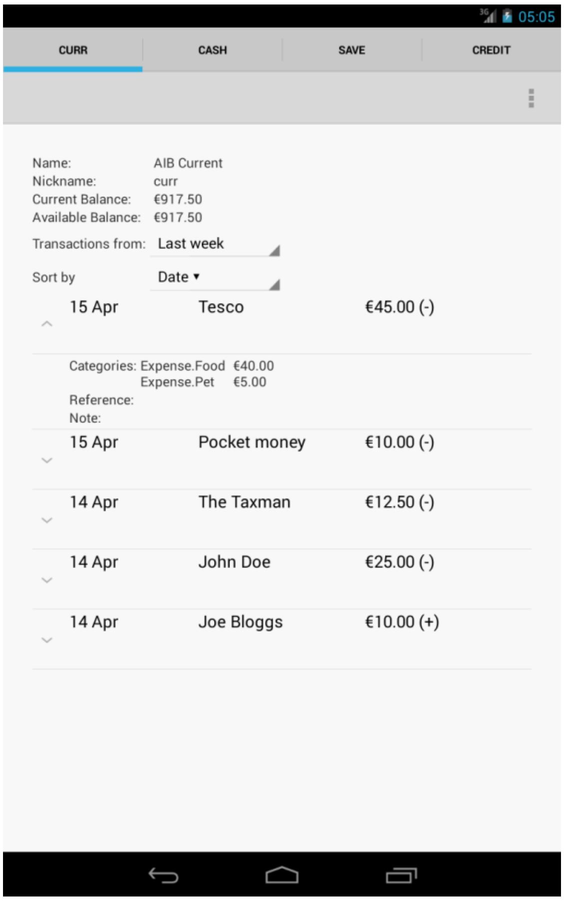
# 8 View Account Transactions

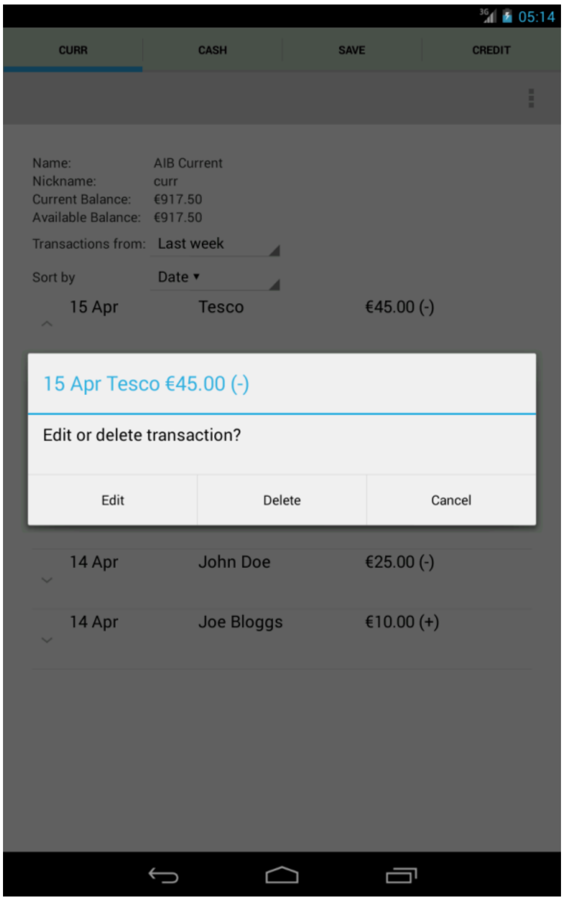
Transaction details for each account may be accessed by selecting the account from the list on the Account Snapshot screen.

The Account Transaction screen display a list of all transactions on the account within the selected timeframe and sorted by date, amount or payee.

Tap on the transaction summary to display more details about the transaction. Tap on the details to select between deleting the transaction and editing it.

Selecting another account from the tab bar on the top of the screen will display the transactions for that account.



# 9 Help

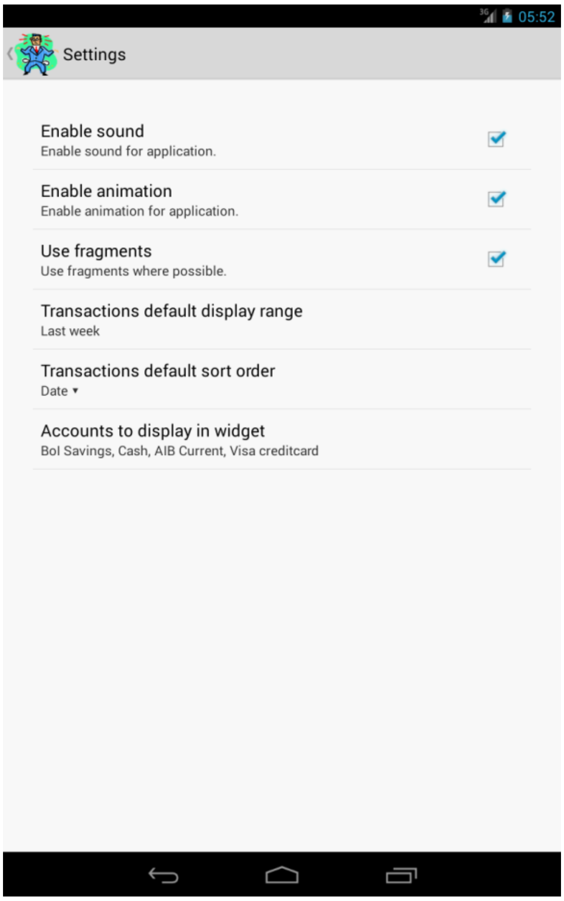
The user may access the help screen by selecting the ‘Help’ option from the menu.

# 10 Settings

The user may access the Settings screen by selecting the 'Settings' option from the menu.

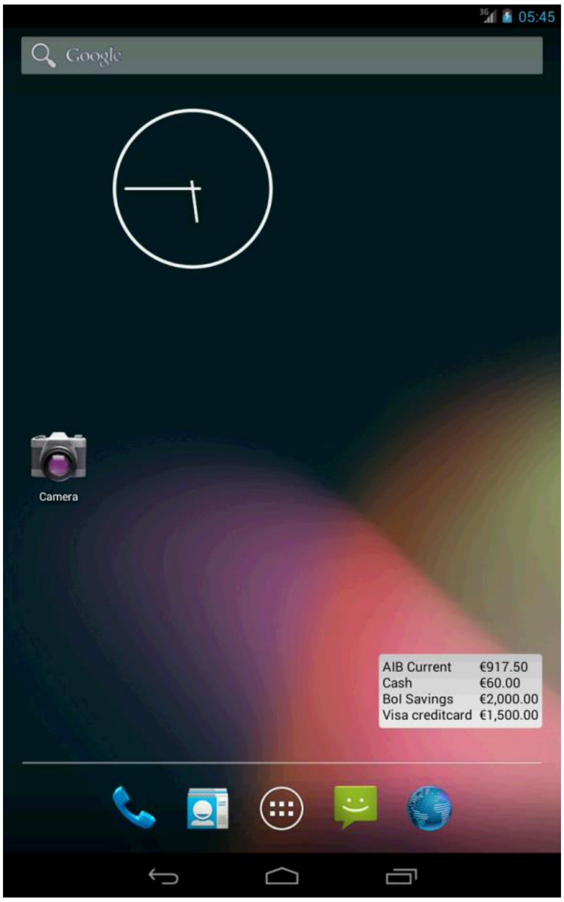
On the settings screen the user may configure the following:

- Enable sound
- Enable animation
- Select whether to use fragments or activities for various functions
- Select the default transaction display range
- Select the default transaction sort order
- Select the accounts to be displayed in the home screen widget.



## 11 Home Screen Widget

The user may place the application widget on the home screen allowing them to see the current balance on any accounts the wish. The accounts displayed may be configured in the Settings menu.




Tapping on the widget will launch the application.

# 12 Receiving Transactions

Currently the application supports receiving plain text transactions from other users. A plaint text transaction takes the form;

<prefix> <transaction action> <amount> <prep> <obj> <prep> <obj> [<prep> <obj>]

where:

| | |
|---|---|
| <prefix> | is the fixed text "PMAT:". SMS without this prefix are ignored |
| <transaction action> | is the action of the transaction, i.e.<br>• "pay" represents a debit transaction<br>• "get" represents a credit transaction<br>• "transfer" represents a transfer transaction |
| <amount> | is the transaction amount |
| <prep> | is the transition performed and may be "from", "to" or "as" |
| <obj> | is the object on which the transition is performed and may be an account nickname or payee. Multi-word objects should be quoted, e.g. "Joe Bloggs" |

The following are some examples of valid plain text transactions:

| *SMS* | *Description* |
|---|---|
| PMAT: pay 10.2 from curr to Tesco | Debit *10.2* from the account with nickname '*curr*' and set the transaction payee to '*Tesco*' |
| PMAT: get 50 from "Joe Bloggs" to curr | Credit *50* to the account with nickname '*curr*' and set the transaction payer to '*Joe Bloggs*' |
| PMAT: transfer 10 from curr to cash as "pocket money" | Credit *10* to the account with nickname '*cash*' from the account with nickname '*curr*' and set the transaction payee/payer to '*pocket money*' |

# 13 Notifying Transactions

When transactions are added or deleted, all configured user devices are notified via SMS of the transaction details. The SMS includes the transaction details, as well as the current balances of all affected accounts.