

Project Portfolio for Tshegofatjo Peter Rakoma

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Project Name: PayYouPayMe

Programming language: C#

Database type: SQLite

Platform: Windows Phone 8.1

Introduction

Description of application

- My PayYouPayMe application is the best at management of personal debt management so that it is easy for individuals to manage their debts that is who they owe money and who owes them. It makes it easy to locate creditors and debtors, quickly locate debtors and creditors and quickly update debtors and creditors.

Story Matrix

- How someone can use the application

Peter is an average person who likes to keep track of his finances. He is both a creditor and debtor depending on his financial circumstances. He likes to keep track of who he is owing and how much. When he is taking a loan he records the loan details as well as when he is offering a loan. Sometimes he forgets who he has landed money to or from. So he records every debtor or creditor and takes their pictures.

Peter spends time at home and when he is planning his budget he wants to keep up with how much he is owing and how much he is owed. When he is paying a creditor or paid by a debtor he updates how much is paid/paying by that creditor or debtor. He likes to send notifications to his debtors or creditors so he sends them SMS, e-mail or calls them.

Software requirements and Development

Software requirements

- Windows phone 8.1

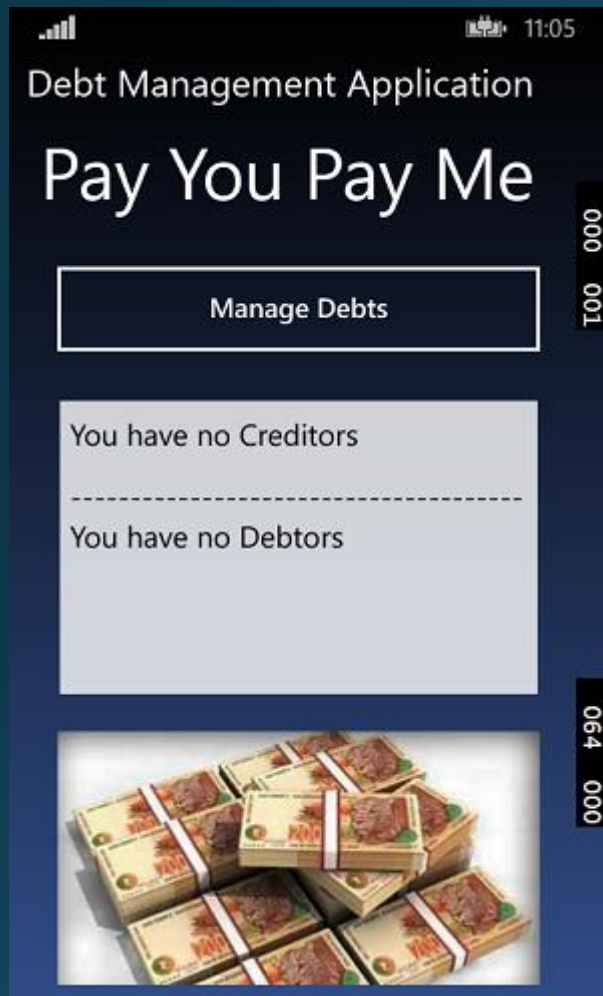
Development

- This application was developed for Windows phone 8.1 using Microsoft Visual studio 2013 ultimate.
- It was programmed using the C# programming language.
- It was designed using XAML (Extensible Application Markup Language).
- The database implemented is SQLite .
- Frame work used is Entity Framework 7.

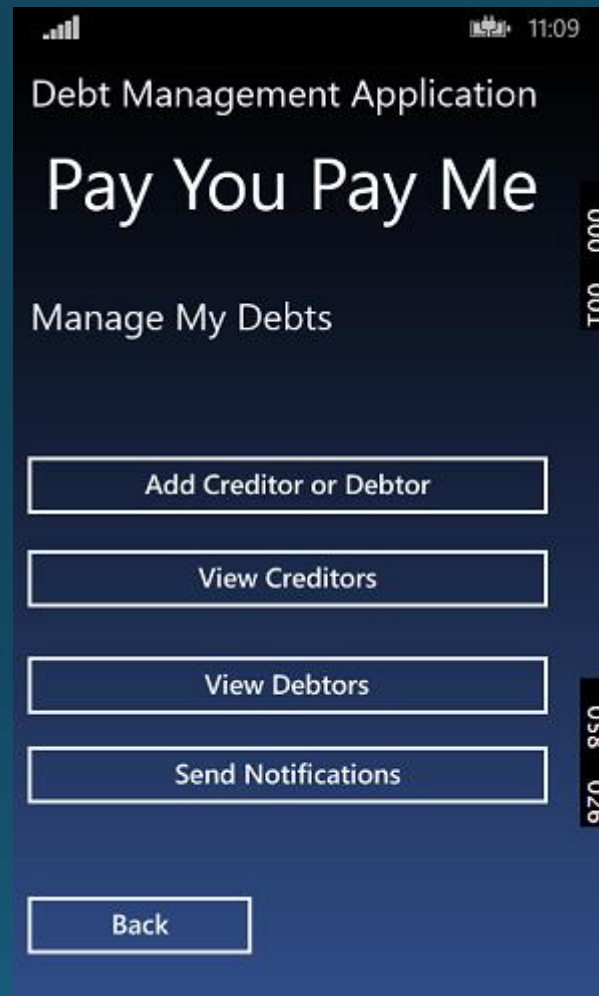
Skills applied

- Object Oriented Programming
- Analysis, database design and implementation.
- User interface design vs User experience
- Debugging and testing

User Manual: PayYouPayMe



Application main page: navigate to Mange Debts



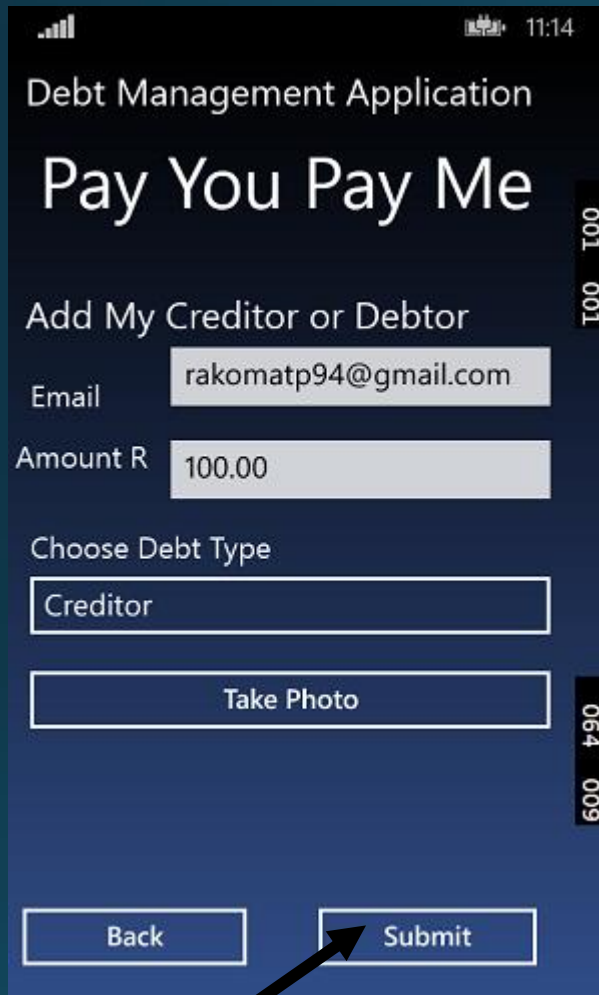
Debt management page: you can choose any option



Provide information for Debtor or Creditor

User Manual: PayYouPayMe

cont...



Debt Management Application

Pay You Pay Me

001 001

Add My Creditor or Debtor

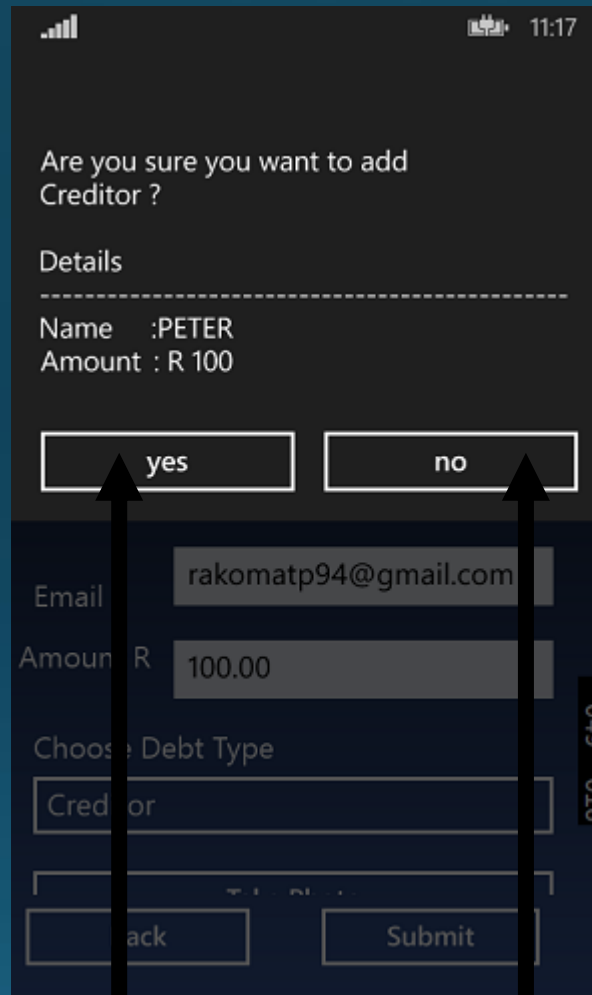
Email

Amount R

Choose Debt Type

064 009

Click submit to save Debtor or Creditor information



Are you sure you want to add Creditor ?

Details

Name : PETER

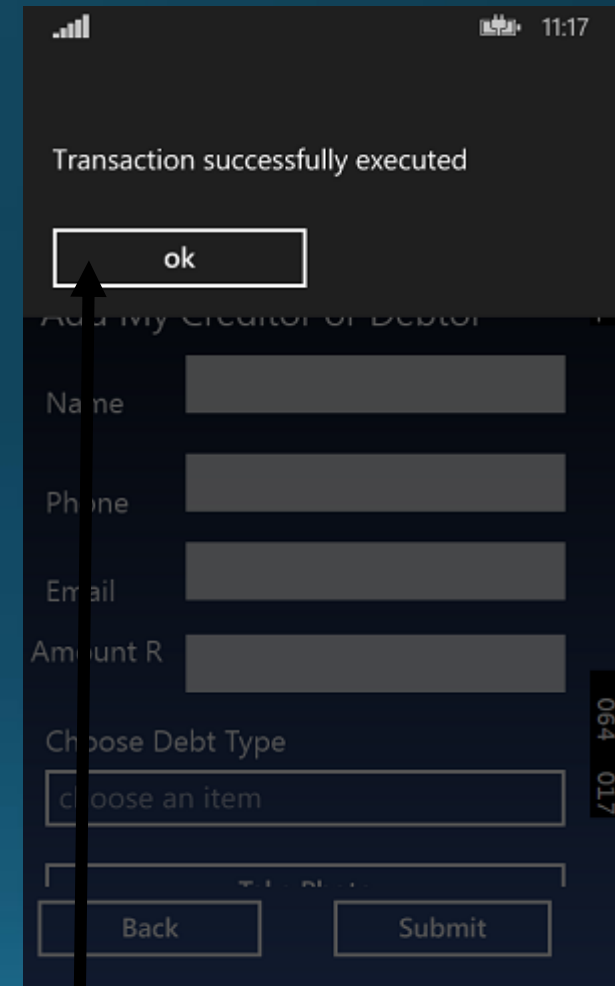
Amount : R 100

Amount R

Choose Debt Type

049 016

Click yes to proceed or no to cancel



Transaction successfully executed

Add My Creditor or Debtor

Name

Phone

Email

Amount R

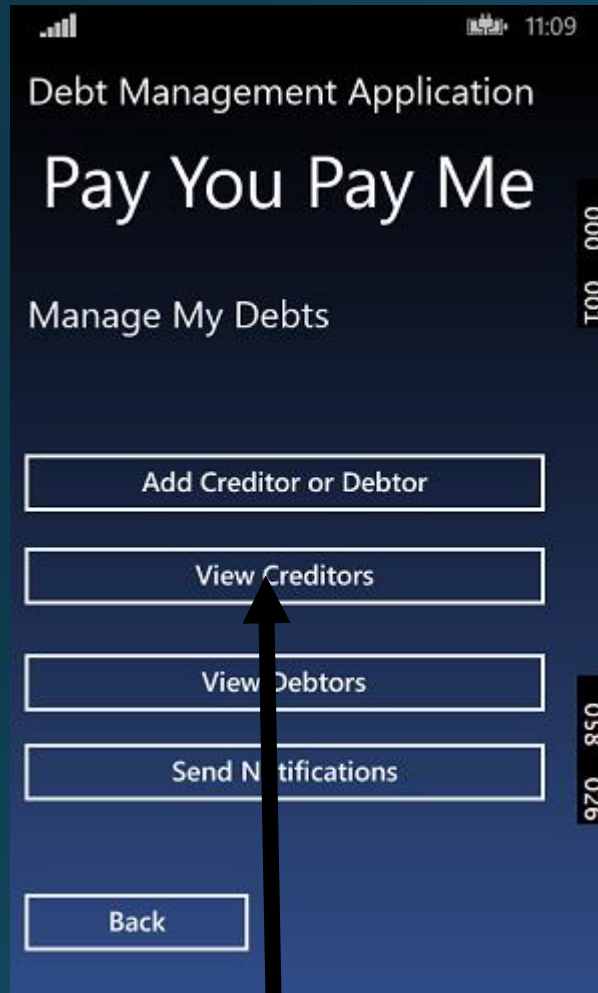
Choose Debt Type

064 017

Click ok

User Manual: PayYouPayMe

cont...



Debt Management Application

Pay You Pay Me

Manage My Debts

000 001

058 026

Back

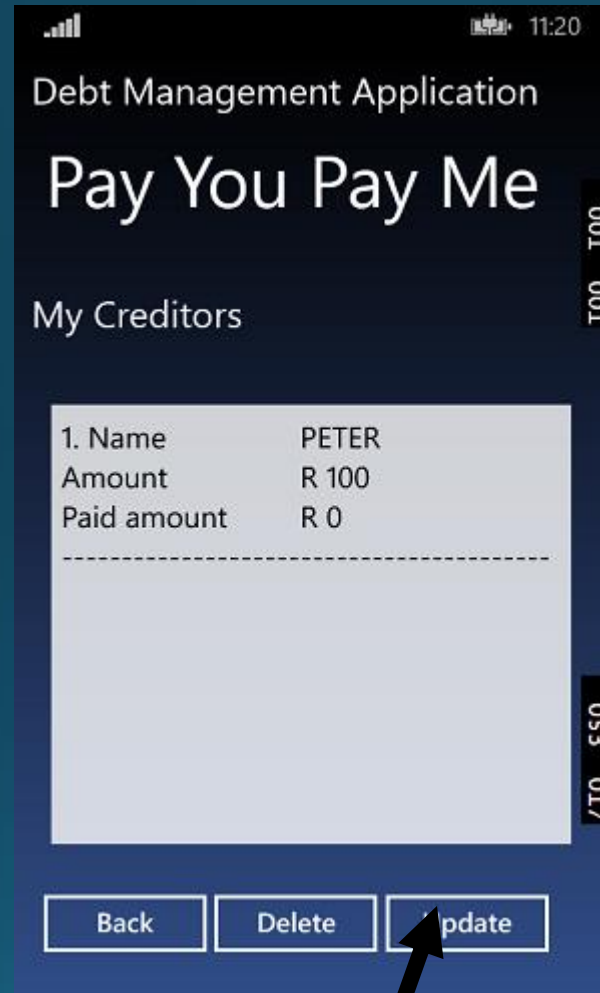
Add Creditor or Debtor

View Creditors

View Debtors

Send Notifications

Click to view Creditors



Debt Management Application

Pay You Pay Me

My Creditors

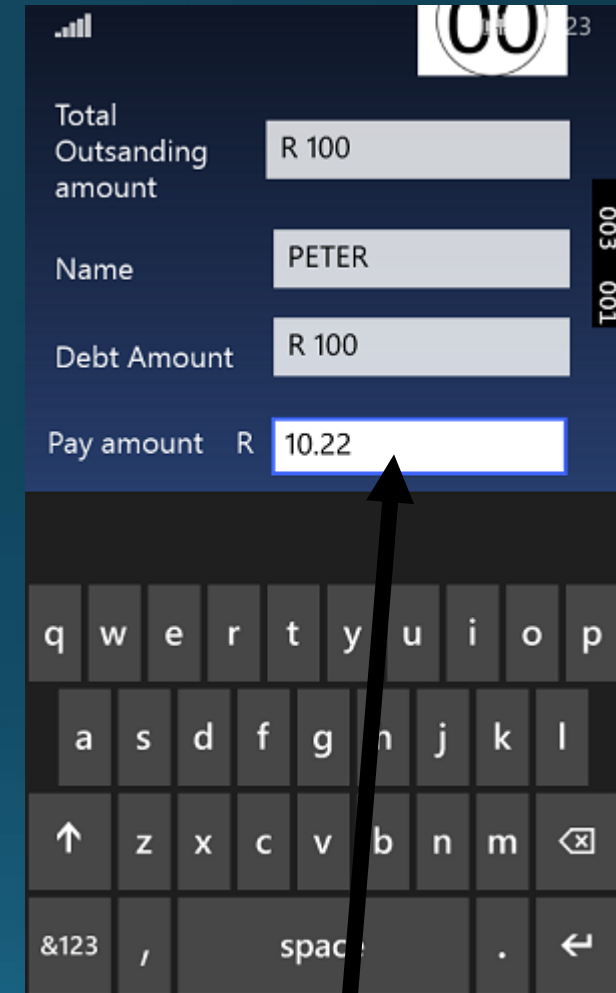
001 001

053 017

Back Delete Update

1. Name	PETER
Amount	R 100
Paid amount	R 0

Click to update creditor information



Debt Management Application

Pay You Pay Me

000 001

053 017

Total Outstanding amount R 100

Name PETER

Debt Amount R 100

Pay amount R 10.22

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Provide payment amount to creditor

User Manual: PayYouPayMe cont...

Are you sure you want to UPDATE this Creditor?

Details:

Name PETER
Loan amount R 100
Paid amount R 0
You pay R 10.22

yes no

Debt Amount R 100
Pay amount R 10.22

Send Notification

Back Update

046 018

Click yes to proceed or no to cancel

Transaction successfully executed Amount paid R 10.22 Give change of R 0

ok

Total Outstanding amount R 100

Name PETER

Debt Amount R 100

Pay amount R 10.22

Send Notification

Back Update

046 018

Click ok

Debt Management Application

Pay You Pay Me

Update My Creditor

00

Total Outstanding amount R 89.78

Name PETER

Debt Amount R 100

Pay amount R

Send Notification

Back Update

002 024
032 044

Updated information after transaction

User Manual: PayYouPayMe cont...

Debt Management Application

Pay You Pay Me

Update My Creditor

000 001

Total Outstanding amount R 100

Name PETER

Debt Amount R 100

Pay amount R

057 016

Send Notification

Back Update

Click to navigate to Send Notification page

Debt Management Application

Pay You Pay Me

Send Notification to Debtor\Creditor

007 001

Send Email

Send SMS

Make a Call

053 015

Back

Send notification page: you can choose any option

Transaction Details:

Name	PETER
Loan amount	R 100
Already paid	R 10.22
Outstanding	R 89.78

2 messages, 124/134

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a s d f g h j k l

↑ z x c v b n m

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Click to navigate to Send SMS

SMS information automatically generated by application

End of Project Portfolio