

Mobile Banking with PayPal

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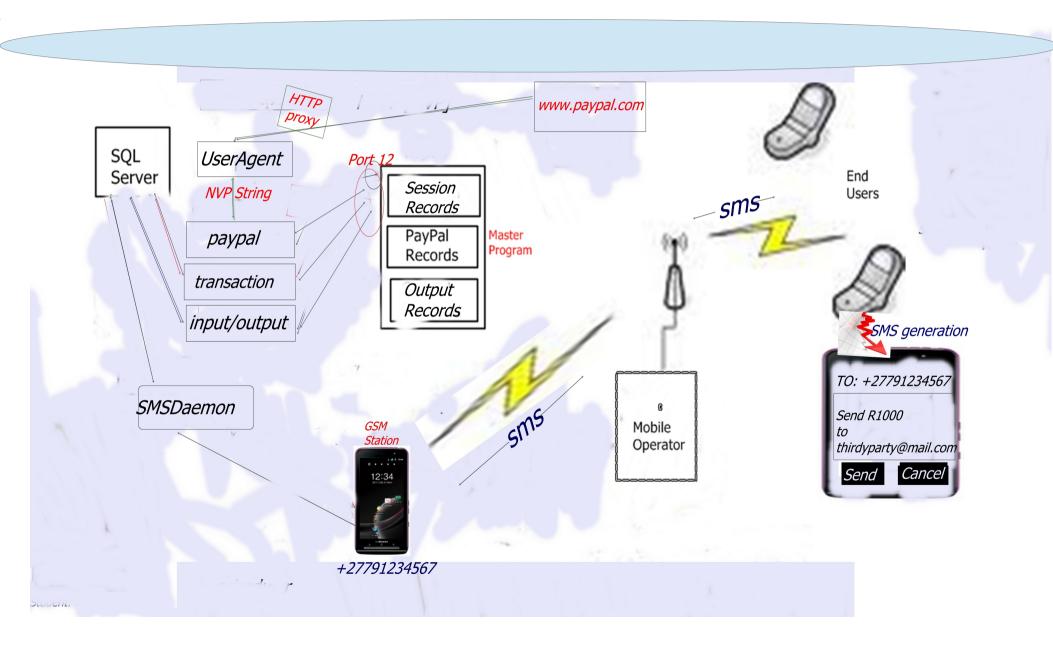
Overview

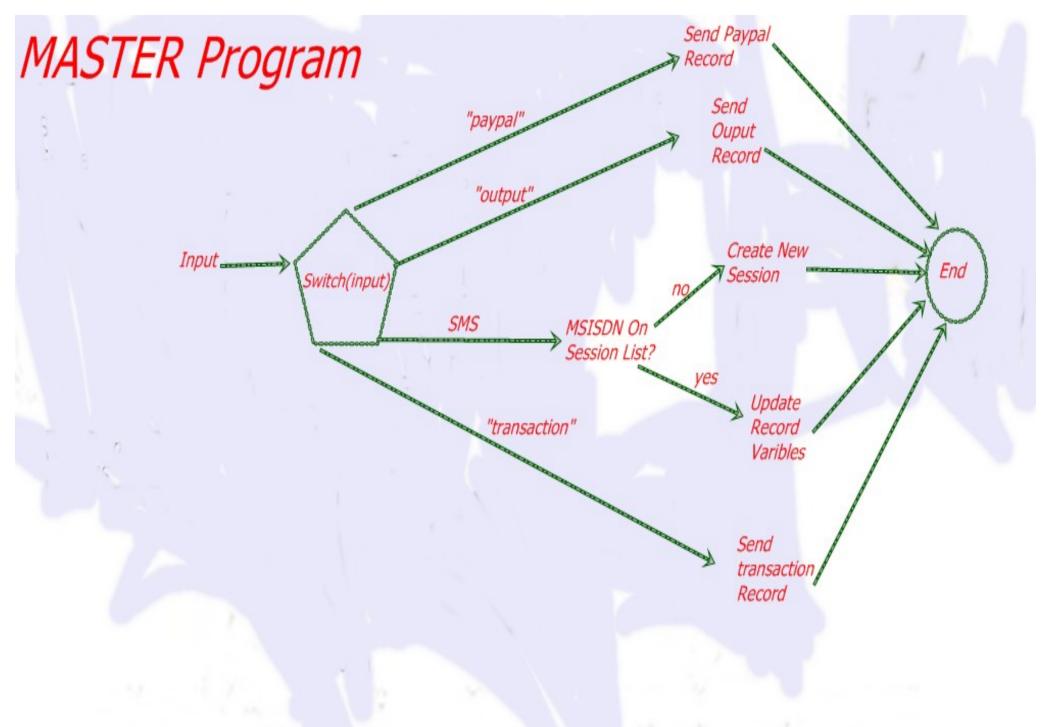
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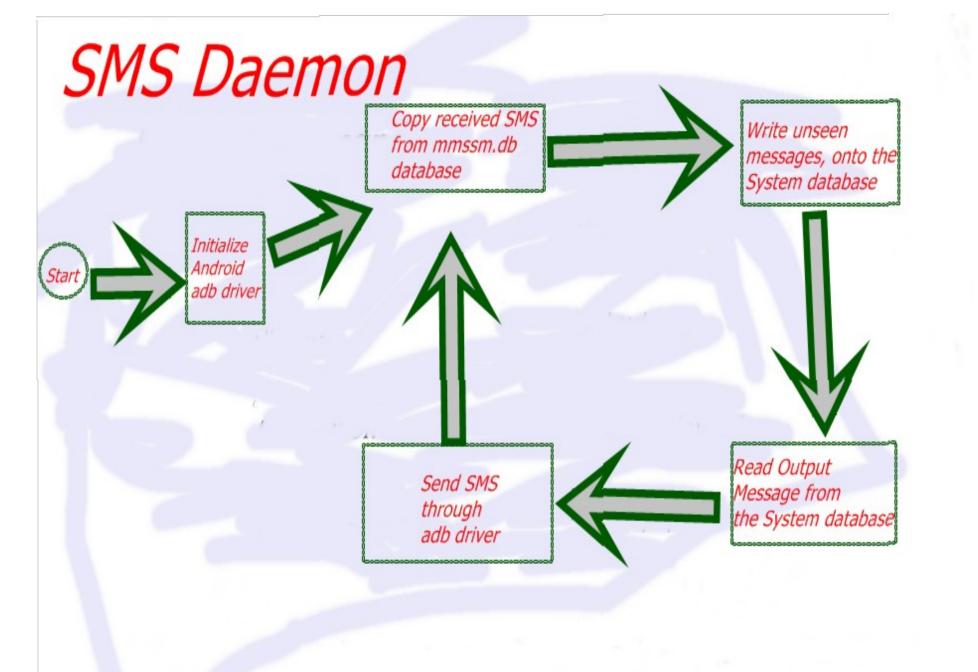
A Brief Description of the System

The aim of the project is to provide an ability to pay the third party, by means of Short Message Service, for the unbanked.

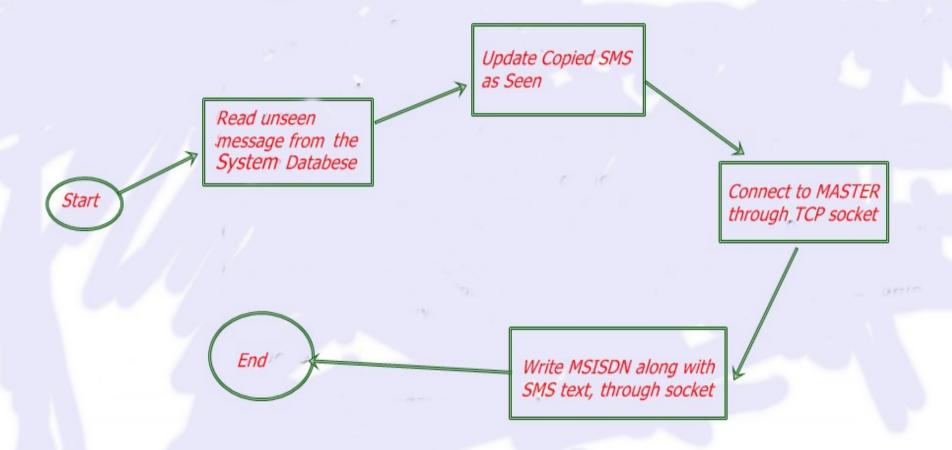
Architacture

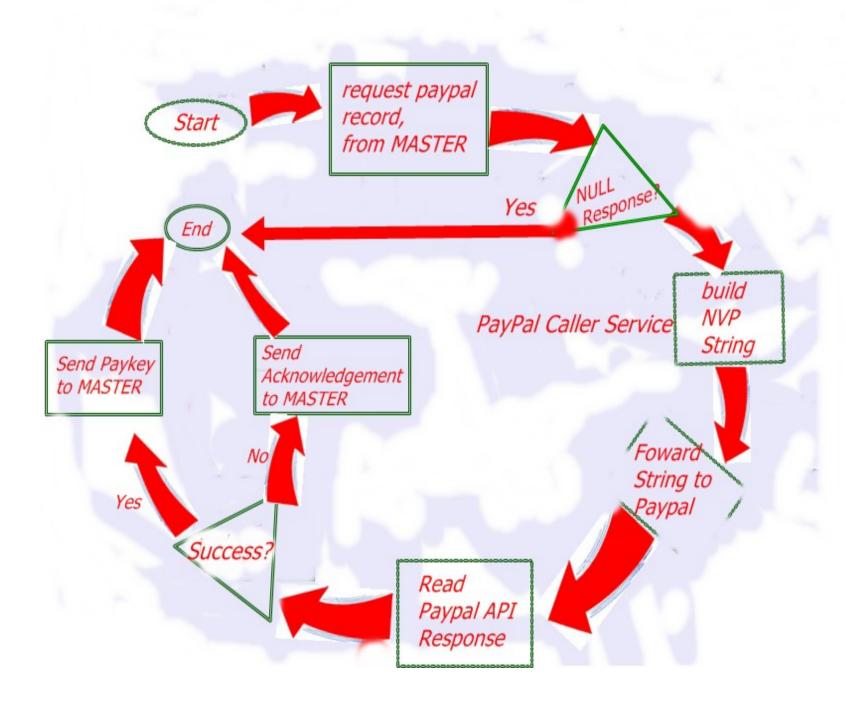




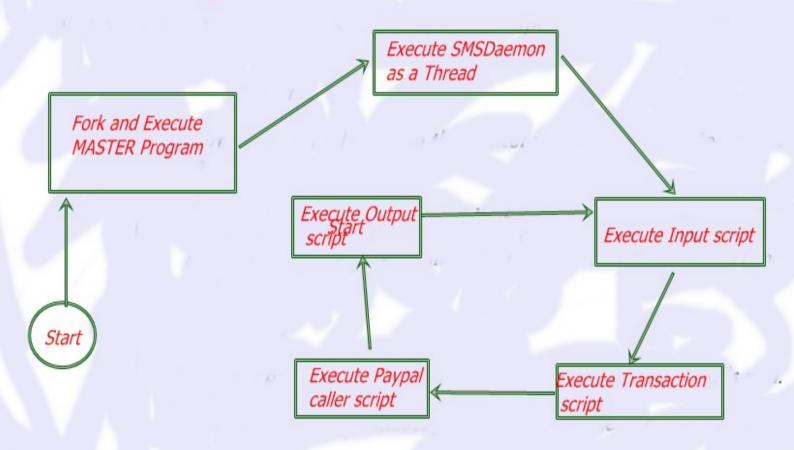


User Input





Init Program



White Box Testing

Test Scripts

Name	Time	Function
SMSDaemeonTEST	0.0012s	Copies a received message from the Mobile Station to the Sytem database. And also from the System database and send it out the mobile station as SMS.
UserInputTEST	0.0010s	Read unseen message records, from the System database to the Master program.
PayPalPayerTEST	0.0125s	CREATE and EXECUTE remotely, a PayPal Implicit Adaptive Payment on.
UserOutTEST	0.0020s	Scan output from the Master program to the System database.

White Box Testing Cont.

Tool	Function		
Netbeans	CPU Performance Analysis		
Netbeans	Memory Profilation		
AppPerfect	Java Unit Code Performance Testing		

Black Box Testing

Required User Input

- Send [amount] to [third party account]
- Change password to [new password]
- Balance
- Yes/No

Usebility Testing

Task	No of Users	Average Time(minutes)	Variance (seconds)	Level of Dificulty
Add Account	9	1	0.05	Very Easy
Paying a Third Party	9	3	0.04	Average
Change password	10	2	0.05	Easy
Request balance	9	2	0.06	Very Easy

Demo

- Add Account
- Pay a Third Party
- Request Account Balance
- View Client Details

