

### Conclusion & Further work

Overall achievement of the system is very successful. All of the objectives are successfully achieved. Some less important reports are to be fine tuned. Following were the main two tasks of the project.

- To implement a sub system to facilitate peer to peer money transfer
- To implement a sub system to facilitate cashless purchasing at super markets and at retailer shops with in the country.

So these two main tasks has been successfully completed and any person in the country would be able to send money to any other person using the system within two minutes times, even receiver does not have an bank account in particular bank. Using the cashless purchasing sub system, customer is able to pay using the m-Cash facility on any registered super market in the country.

Customer has to register with the bank manually and this might be one of the limitations of the system. User has to go to the bank and register. If this process could be automated more people would be able to use this system.

Modem speed is little less. Modem can handle only six SMS's per minute. This might be a constraint. Also system doesn't have an option to change or requests PIN if money sender forgets or lost the PIN and this might be and another limitation.

As discussed above, self registration using a SMS could be implemented in future and PIN changes could be allowed. Also this service can be extended to money transfer between different countries. System could be extended by adding another feature to

withdraw money without using an ATM card or credit card. Also the system could be extended to facilitate loan payment, insurance payment etc.

User should have a bank account in order to use the peer to peer money transferring system and this might be a drawback. System could be extended to use temporary wallet to overcome this. Anyone can open a wallet and credit money to the wallet or salary can be transfer to the wallet monthly. Wallet is not a bank account, so any mobile customer can register to this service through internet.

Also system can be extended to send voice mail or voice SMS to transfer money without using the SMS. Therefore customer doesn't want to type the information like ID number, amount etc. So it is more accurate and easy to sending voice message than the normal SMS.

In the implemented cashless payment sub system, retailer checks the validity of the customer by using only the web interface. Sometimes some of the retailer shops may not have internet or intranet facility to access the system via web interface.

This functionality could be extended to check the validity of the customer using the mobile phone through SMS.