

## **Group 5 CSE D - Payment Wallet**

### **Abstract**

Humans cannot prevent usage of currency , it is an integral part of our lives but it is a hassle to maintain physical currency for regular activities like grocery shopping and mobile recharge. Thus, payment wallets are on the verge of replacing physical currency and provide hassle free transactions. In this project we propose a Payment Wallet mobile application which is capable of performing hassle free , fast and secure transactions. To access our services, users would have to register in our application. Users then would have the ability to add their bank accounts for faster addition of money into the wallet. A user can add multiple bank accounts and add money in a convenient way. Transacting with other users can be done by either scanning the unique QR code of the payee or by searching the payee's username in our application. Once the transaction is complete a user may chat with the payee or add him to his friend's list. Adding a payee to his friend's list helps in maintaining a database of close people and people the user transacts with regularly. One advantage of using our application is instant notification of information such as transaction status , low wallet balance , payee chat notifications and incoming credits. We also provide an analytics section where a user could view his past transactions in a graphical manner. We provide calculators for various loans and convertors for currency and cryptocurrencies. These calculators improve the user experience and makes our app a one stop destination for all payment needs.