

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590014**



**Project report on
“MOBILE WALLET”**

Submitted in the partial fulfilment of the requirements for the Award of

**BACHELOR OF ENGINEERING
DEGREE IN
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Submitted by

ANEESHA RAO.A	(4VV07IS004)
ARUNA DEVI. K	(4VV07IS009)
MEGHASHREE.G	(4VV07IS024)
RAJANI CHETAN	(4VV07IS036)

**Under the guidance of
Mr.GOWRI SHANKAR, M.Tech,
Lecturer, IS&E Department
V.V.C.E, Mysore**



**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
VIDYAVARDHAKA COLLEGE OF ENGINEERING
Mysore-570002**

ABSTRACT

M-wallet allows a person to exchange physical cash for virtual money which is stored on the network and is accessed through mobile phones. It upgrades the phones to an indispensable life companion. Ultimately, the physical wallet, but also bunches of physical keys, paper-based vouchers and other personal belongings carried along in daily life, may vanish – integrated in the mobile handset for the sake of convenience and security in seamless service scenarios. Transaction services such as payment or ticketing, security-sensitive services such as user identification or facility access control are increasingly executed in electronic format. With the concept of the mobile wallet, the project presents an integrative approach to electronic transaction services, combining the user experience of handling plastic cards with the convenience and security of mobile telecommunication.

Once the user gets registered through net to the server, he gets his user id and password. He can then pay for his purchases by sending the request to the server containing information about him, the shop and the products. Once authenticated, the transaction is performed by making payment to the merchant's account maintained in the server. The fund can also be transferred using his id and the transferee's id. In case the mobile is lost, the verification is done through user id and password and the amount is transferred from the old number to the new number.