

# **Functional Requirement Document**

**Project Name: Online Wallet**

**Project By:**

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**Online Wallet** is created to meet the needs of online payment system. The different functional requirements in the project are as follows:

## **Login/Register:**

A user will be required to log in into the application in order to perform wallet operations. If he/she has no account, they have to register by providing their name, their contact number, email ID, Adhar information, password, and securityQ&A for forget password.

## **Add Money:**

For making the payment the user need to add money in the wallet. The money can be added by using deposit service. You can add maximum of Rs. 10000 at a time and minimum Re. 1.

## **Money Transfer:**

A user can transfer money to another user of the wallet. A user can transfer maximum Rs.10000 at a time. The money can be transferred if available in the wallet. You can transfer money less than or equal to available balance. You need to provide mobile number of other person to whom money will be transferred. You need to provide PIN while transferring money to ensure that, you are right person/account holder.

## **Check Balance:**

A user can be able to check available balance in the wallet after logging in.

## **Show Transactions:**

The recent transactions of a particular user can be seen by the user. Transactions contain the deposit, withdraw and transfer records of the particular user. It should also show the date and time when occurred.

## **Edit Profile:**

The user can be able edit his/her profile whenever wants. The mobile number and email id should not be changed. He/she can change the password if needed.

**Forgot Password:**

A user will be able to recover his password if forgotten by providing the correct security question and its answer.

**Password Encryption:** Password will be converted in respective Hasing Code while storing it into the database. Generating salt of size 12.

**Card Details:** While adding money into the wallet, user can save it's card details for future use. It allow the users for smooth tranactions in future.

**Shows Cards:** User can show the list of the cards added in his/her Wallet account. They can also remove the respective account if needed.

**Admin Module:** Admin can saw the list of the users in the Online Wallet application. Admin has the power to remove any account if there is any suspicious activities.