**Cash Buddy**

**Chapter 1: Objectives**

Now -a- days the emergence of mass availability of smartphone and internet has opened the door to many unimaginable realities. Something that wasn’t even a possible idea a few years back, has now become obvious reality. This application is one of those. Also, it is a one kind of digital wallet. This system has actually become a reality every single day. This application is a system through which we can book bus, train, movie, plan tickets from anywhere in the country very easily. And also a paying through all payment platform and all the banks without credit card information. Mainly our goal is to provide a service that is customer will be able to easily book and make any payment through our system without any hassle.

**Chapter 2: Scope**

* To make payment easy through digital wallet
* To make payment without cash or debit or credit card
* Can convert currency
* Can use this application for movies, launch tickets, bus tickets, etc.

**Chapter 3: Proposed System:**

To solve the problem of payment, we are planning to create an app by which people can pay without any hassle. Sometimes people go to places where they face some problems of paying money, they have to carry cash. But by using our application they do not have to carry money or debit or credit card, they can pay directly through our application. They also can buy plane, launch or bus tickets using our app and also can buy movie tickets anytime. They can pay their utility bills without any charges.

**Chapter 4: Functional requirements and specifications**:

There are various paths and functionality. This Application should be designed in such a way that people can use it easily or it can be easily accessible by the users.

**4.1 Application Login**

* The application has a login page where it allows to login via email and password.
* After entering the password, a PIN will be sent to the user's email and mobile and it has to be submitted within 2 minutes.
* After successfully logging in, the Home page will show.
* If the email or password entered wrong if will show an error massage.
* If user forgets the password there is a forgot password option and the system will send them a password reset link or code.
* If the user fails more than 3 times then account will be block and user should be unblocking the account calling helpline number.

**4.2 Home Features**

* User can watch their displayed Picture.
* User can watch their total balance, also if they want, they can watch their individual account Balance.
* User can add their digital wallet and Bank accounts.
* There will be a payment option for pay with qr code.
* A Discount menu will be showed for upcoming discount and ongoing discount in the shops.
* A main option will be showed in home page that will be Converting Currency
* User can pay their bills
* User can buy tickets.
* A reward option that show the how much Buddypoints he earned.
* Inbox show their transaction history
* There will be a user system help line option.

**4.3 Add Payment Method**

* User can add their Bkash Account.
* User can add their Nogod Account.
* User can add their Rocket Account
* User can add their multiple Bank Accounts.

**4.4 Show Balance**

* There will be option that shows the total balance.
* After clinking the total balance if user wish user should be able to see their individual balance.

**4.5 Paying through the application**

* User could buy something through the app

**4.6 Reward yourself using application \**

* There will be Buddypoints. User how many times use our application for paying user more will get Buddypoints.
* Those Buddypoints will be a reward. They could be converted to Buddypoints to money. 2 Buddypoints = 1tk.

**4.7 Discount from application.**

* Can find available discounts and get the discount paying something using our application.
* Will get notification about upcoming discounts

**4.8 Changing currency**

* If user have passport user can be changed his currency (like bdt to usa).

**4.9 Paying Bills**

* User can pay their Current Bills.
* User can pay their Gas Bills.
* User can pay their Water Bills.
* User can pay their Internet Bills.
* User can pay their Telephone Bills.
* User can pay their Tv Bills.
* User can pay their Education Bills.
* User can pay their Government Bills

**4.10 Buying Tickets**

* User can buy plane tickets.
* User can buy launch tickets.
* User can buy bus tickets.
* User can buy movie tickets.

**4.11 Help and Support**

* There will be system generated help service.
* There will be a helpline number for help

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**Chapter 5: System Features**

**5.1 Admin**

* Admin can login to the system.
* View the customer information (Name, email, contact no., passport no (if given), NID no).
* Admin can delete any customer’s account.
* Admin can view payment details.
* Admin cannot view card no, bkash pin, nagad pin, rocket pin, etc.
* Can manage redeems.
* Reply mails from help center.
* View database details (total payments, redeems).

**5.2 Customer**

* Customer can create account and can login
* Customer can change the details of their account (name, password, NID no., Passport No. (If given))
* Customer can pay money through bank, rocket, nagad, bkash, etc.
* Customer can buy plane tickets, launch tickets, movie tickets.
* Customer can buy movie tickets.
* Customer can pay in any ride share.
* Customer can recharge balance for mobile.
* Customer can recharge their amount in app