

## 2. Integrating CTSProfileLayer

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CTSProfile layer deals with tasks related to profile of the user.

### Save User Cards

Once you have successfully Linked the user you can now save cards. There are two types of cards that can be saved Credit and Debit.

```
//How to initialise required card?
CTSPaymentDetailUpdate *paymentInfo = [[CTSPaymentDetailUpdate alloc] init];

CTSElectronicCardUpdate *creditCard = [[CTSElectronicCardUpdate alloc] initWithCreditCard:
creditCard.cvv = @"123";
creditCard.number = @"5105105105105100";
creditCard.expiryDate = @"03/2018"; //mm/yyyy format
creditCard.scheme = [CTSUtility fetchCardSchemeForCardNumber:creditCard.number]; //fe
creditCard.ownerName = @"Tester"; //no special characters allowed here
[paymentInfo addCard:creditCard];

// Save the card
[profileLayer updatePaymentInformation:paymentInfo withCompletionHandler:^(NSError *error) {
    if(error == nil){
        // Your code to handle success.
    }
    else {
        // Your code to handle error.
    }
}];
```

### Get Saved Cards

Use following code to read the saved cards, a Saved card also will have a token which looks like this 5115669e6129247a1e7a3599ea58e947, this can be used for payment using this card. you won't need to collect the card information except CVV from user again.

```
[profileLayer requestPaymentInformationWithCompletionHandler:^(CTSPaymentRes *response) {
    if (error == nil) {
        // Your code to handle success.
        if([paymentInfo.paymentOptions count]){
            //process the save cards here
        }
        else{
            // no saved cards
        }
    } else {
        // Your code to handle error.
    }
}];
```

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<https://github.com/citruspay/open-ios>[Clone in Desktop](#)

## Delete Saved Cards

Saved card can be deleted by sending its token to following api.

```
[proifleLayer requestDeleteCardWithToken:card.token withCompletionHandler:^(NSError *error) {
    if(error == nil){
        // Your card is successfully deleted.
    }
    else {
        // Your code to handle error.
    }
}];
```

## Get User's Prepaid Balance

After user is linked then you can fetch their prepaid account balance if user has a prepaid account enabled.

```
[proifleLayer requestGetBalance:^(CTSAmount *amount, NSError *error) {

    if (error) {
        //your code to handle the error
    }
    else{
        // your code to handle success.
        LogTrace(@" value %@",amount.value);
        LogTrace(@" currency %@",amount.currency);
    }
}];
```

## Save Cash-out Bank Account

User can request withdraw their prepaid account balance into a bank account and such an account can be stored in users profile in the following manner

```
CTSCashoutBankAccount *bankAccount = [[CTSCashoutBankAccount alloc] init];
bankAccount.owner = @"Tester";
bankAccount.branch = @"HSBC0000123";
bankAccount.number = @"123456789987654";

[proifleLayer requestUpdateCashoutBankAccount:bankAccount withCompletionHandler:^(NSError *error) {
    if (error) {
        [UIUtility toastMessageOnScreen:[error localizedDescription]];
    }
    else{
        [UIUtility toastMessageOnScreen:@"Succesfully stored bank account"];
    }
}];
```

## Get Saved Cashout Bank Acoount

```
[profileLayer requestCashoutBankAccountCompletionHandler:^(CTSCashoutBankAccountResp *  
    if(error){  
        // handle error  
    }  
    else {  
        //handle sucess  
    }  
}];
```

