

2. Integrating CTSProfileLayer

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

Save User Cards

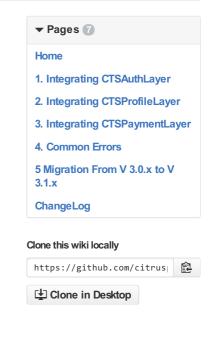
Once you have successfully Linked the user you can now save cards. There are two types of cards thats can be saved Credit and Debit.

```
//How to initialise required card?
    CTSPaymentDetailUpdate *paymentInfo = [[CTSPaymentDetailUpdate alloc] init];
    CTSElectronicCardUpdate *creditCard = [[CTSElectronicCardUpdate alloc] initCreditCard
    creditCard.cvv = @"123";
    creditCard.number = @"5105105105105100";
    creditCard.expiryDate = @"03/2018"; //mm/yyyy format
    creditCard.scheme = [CTSUtility \ fetchCardSchemeForCardNumber:creditCard.number]; \ //f \in CTSUtility \ fetchCardSchemeForCardNumber:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.number:creditCard.nu
    creditCard.ownerName = @"Tester"; //no special characters allowed here
     [paymentInfo addCard:creditCard];
// Save the card
[proifleLayer updatePaymentInformation:paymentInfo withCompletionHandler:^(NSError *er
               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.

```
[proifleLayer requestPaymentInformationWithCompletionHandler:^(CTSProfilePaymentRes *
    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.
     }
};
```



Delete Saved Cards

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

```
[proifleLayer requestDeleteCardWithToken:card.token withCompletionHandler:^(NSError *
    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 requetGetBalance:^(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:^(NSEr if (error) {
      [UIUtility toastMessageOnScreen:[error localizedDescription]];
    }
    else{
      [UIUtility toastMessageOnScreen:@"Succesfully stored bank account"];
    }
}];
```

Get Saved Cashout Bank Account



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

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