

Account Book Windows Application

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For this final project, we designed an account book windows application. It is a small Windows tool used to computing expenses among friends. The problem we considered is that when friends go out together for a tour or an activity, they have to split expenses afterwards, some inconvenience may happen, so we developed this application to help user divides expenses among friends.

The user interface of our app is very straightforward. Every time you start a new activity, firstly you need to add all participants. Then every time a person makes a payment, you add the payer name and amount of money. After you finishing your activity, you can check out and our application can help you all the account details.

The main tool we used is Visual Studio and C++ is used for logic part. Every time a person makes a payment, we save the number. After all done, we calculate the average number by using the total amount divided by people number. Then we use the money a person already paid subtract the average number. We will get the account detail for this people. If this number is negative, it means that this person needs to pay this amount of money to others. If positive, then it means this person get this amount of money from other person.