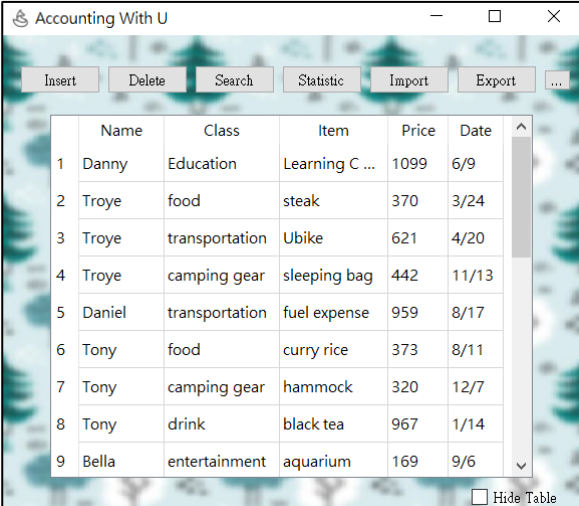


# README

Hello, users! Welcome to *Accounting with U*!

## ● INTRODUCTION

There is no denying that splitting bills equally with friends or family members is the most embarrassing we have all experienced. In this application, you can record all your expenses during the trip or vacation, dividing them just in one click. Throughout the fine user interface, the account information will clearly show on the table and let users see the details. It shows who spent the most or the least and assigns who needs to pay whom. Now, let's see the features!



The screenshot shows a window titled "Accounting With U" with a menu bar containing "Insert", "Delete", "Search", "Statistic", "Import", "Export", and "...". Below the menu is a table with the following data:

	Name	Class	Item	Price	Date
1	Danny	Education	Learning C ...	1099	6/9
2	Troye	food	steak	370	3/24
3	Troye	transportation	Ubike	621	4/20
4	Troye	camping gear	sleeping bag	442	11/13
5	Daniel	transportation	fuel expense	959	8/17
6	Tony	food	curry rice	373	8/11
7	Tony	camping gear	hammock	320	12/7
8	Tony	drink	black tea	967	1/14
9	Bella	entertainment	aquarium	169	9/6

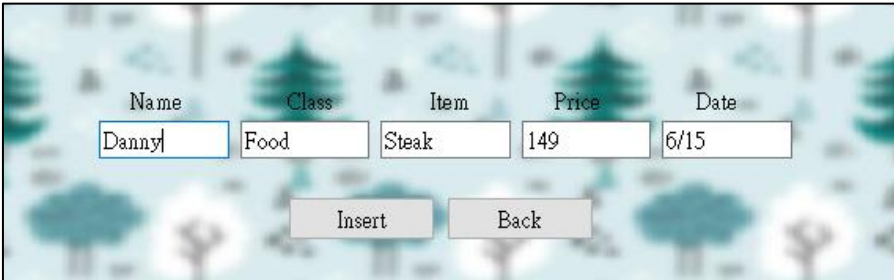
At the bottom right of the table, there is a checkbox labeled "Hide Table".

User Interface

## ● FEATURES

### - Insert

You can manually input the information as the person who pays (name), item's class, item's name, item's price, and consumption date according to the format. Unfortunately, you can only type **in English and the correct date form(month/day)**.



The screenshot shows the "Insert" form with the following fields and buttons:

Name	Class	Item	Price	Date
<input type="text" value="Danny"/>	<input type="text" value="Food"/>	<input type="text" value="Steak"/>	<input type="text" value="149"/>	<input type="text" value="6/15"/>

Below the form are two buttons: "Insert" and "Back".

Insert format

- **Import and export**

Furthermore, you can import CSV files on your device and export a sequential data file.

	A	B	C	D	E
1	Esther	camping g	sleeping ba	379	#####
2	Troye	camping g	flashlight	621	1月27日
3	Anna	transportat	fuel expen	240	4月23日
4	Anna	camping g	canteen	407	#####
5	Andy	drink	milk tea	889	9月13日
6	Troye	food	fruit	777	10月2日
7	Tony	food	beef noodl	485	#####
8	Bella	entertainm	KTV	746	#####
9	Andy	transportat	taxi	37	3月16日
10	Esther	transportat	train	798	#####
11	Tony	entertainm	aquarium	854	7月19日
12	Elisa	camping g	hammock	599	4月11日
13	Troye	food	beef noodl	621	#####
14	Andy	transportat	fuel expen	927	#####
15	Kevin	drink	mocha	274	5月4日
16	Kevin	entertainm	zoo	91	6月26日
17	Kevin	entertainm	museum	21	5月14日
18	Bella	food	curry rice	620	#####
19	Troye	entertainm	gallery	565	5月17日
20	Esther	food	beef noodl	8	2月4日

## Import



	A	B	C	D	E
1	Esther	camping	g sleeping bag	379	#####
2	Esther	transportat	train	798	#####
3	Esther	food	beef noodl	8	2月4日
4	Troye	camping	g flashlight	621	1月27日
5	Troye	food	fruit	777	10月2日
6	Troye	food	beef noodl	621	#####
7	Troye	entertainm	gallery	565	5月17日
8	Anna	transportat	fuel expen	240	4月23日
9	Anna	camping	g canteen	407	#####
10	Andy	drink	mocha tea	889	9月13日
11	Andy	transportat	taxi	37	3月16日
12	Andy	transportat	fuel expen	927	#####
13	Tony	food	beef noodl	485	#####
14	Tony	entertainm	aquarium	854	7月19日
15	Bella	entertainm	KTV	746	#####
16	Bella	food	curry rice	620	#####
17	Elisa	camping	g hammock	599	4月11日
18	Kevin	drink	mocha	274	5月4日
19	Kevin	entertainm	zoo	91	6月26日
20	Kevin	entertainm	museum	21	5月14日

Export

- **Delete**

In this feature, we provide two choices.

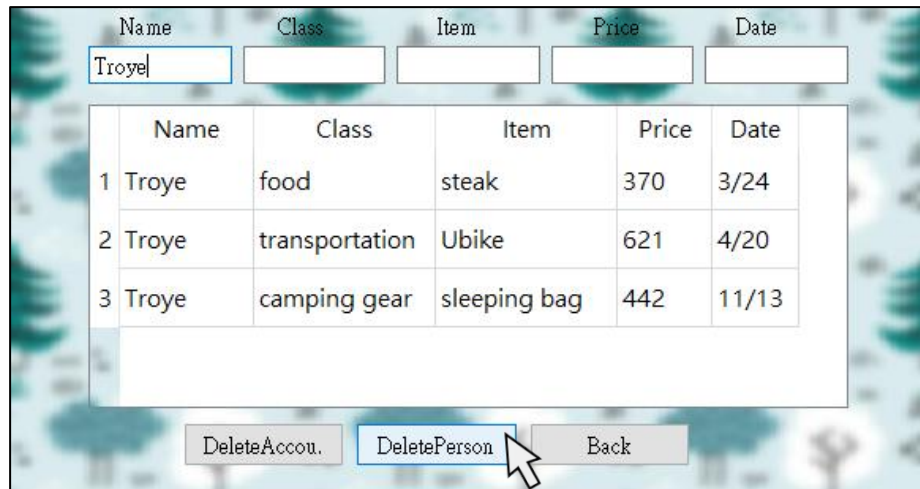
1. First, you can delete a specific account that you want.

The screenshot displays a Java Swing application window with a light blue background. At the top, there are five text input fields labeled "Name", "Class", "Item", "Price", and "Date". The "Name" field contains "Danny", "Class" contains "Education", "Item" contains "Learning C from Zero", "Price" contains "1099", and "Date" contains "6/9". Below these fields is a table with five columns: "Name", "Class", "Item", "Price", and "Date". The first row of the table contains the data entered in the fields above. Below the table is a large empty rectangular area. At the bottom of the window are three buttons: "DeleteAccou.", "DeletePerson", and "Back". A mouse cursor is pointing at the "DeleteAccou." button.

	Name	Class	Item	Price	Date
1	Danny	Education	Learning C from Zero	1099	6/9

## Delete Account

1. Second, you can also delete someone's account so that all his/her accounts will be deleted.

A screenshot of a web application interface for deleting a person. At the top, there are five input fields labeled 'Name', 'Class', 'Item', 'Price', and 'Date'. The 'Name' field contains the text 'Troye'. Below these fields is a table with three rows of data. At the bottom, there are three buttons: 'DeleteAccou.', 'DeletePerson', and 'Back'. A mouse cursor is pointing at the 'DeletePerson' button.

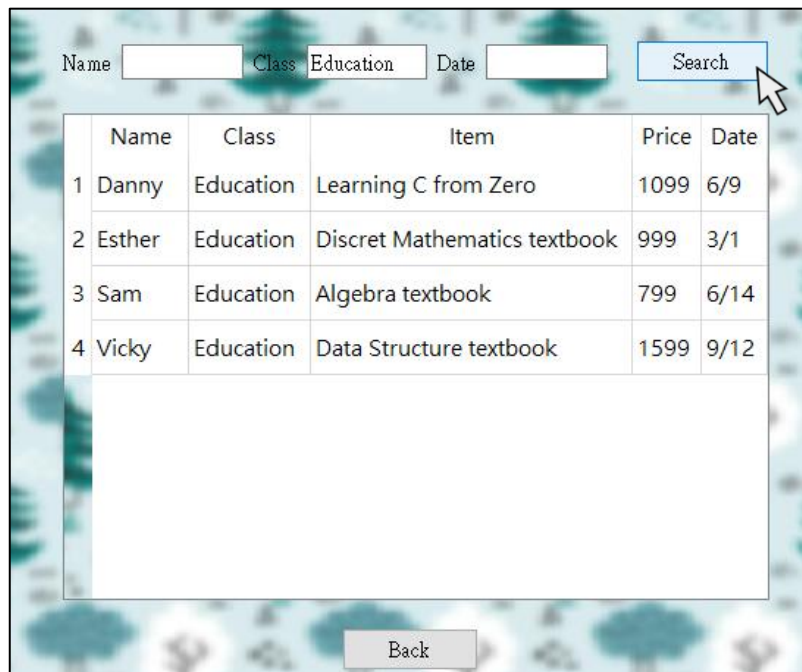
	Name	Class	Item	Price	Date
1	Troye	food	steak	370	3/24
2	Troye	transportation	Ubike	621	4/20
3	Troye	camping gear	sleeping bag	442	11/13

Buttons: DeleteAccou., DeletePerson, Back

### Delete Person

#### - Search

Sometimes we forget the details of the amount spent, consumption date, name, etc. You can input the name, class, or date, whatever you still remember, to find the whole complete information.

A screenshot of a web application interface for searching. At the top, there are three input fields labeled 'Name', 'Class', and 'Date'. The 'Class' field contains the text 'Education'. To the right of these fields is a 'Search' button. Below the input fields is a table with four rows of data. At the bottom, there is a 'Back' button. A mouse cursor is pointing at the 'Search' button.

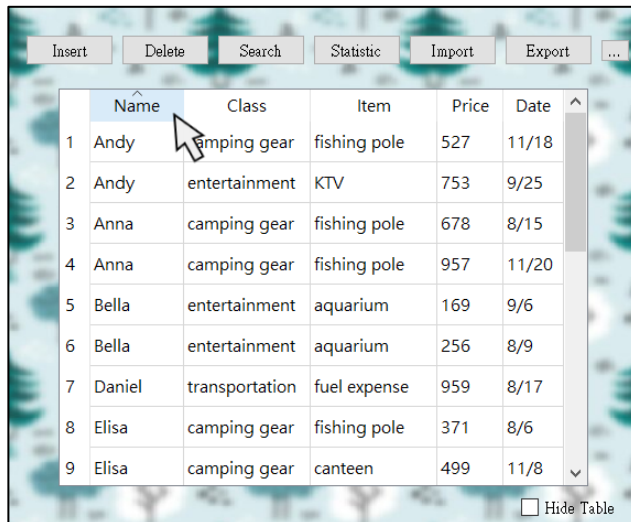
	Name	Class	Item	Price	Date
1	Danny	Education	Learning C from Zero	1099	6/9
2	Esther	Education	Discret Mathematics textbook	999	3/1
3	Sam	Education	Algebra textbook	799	6/14
4	Vicky	Education	Data Structure textbook	1599	9/12

Buttons: Search, Back

### Search Function

## - Sort

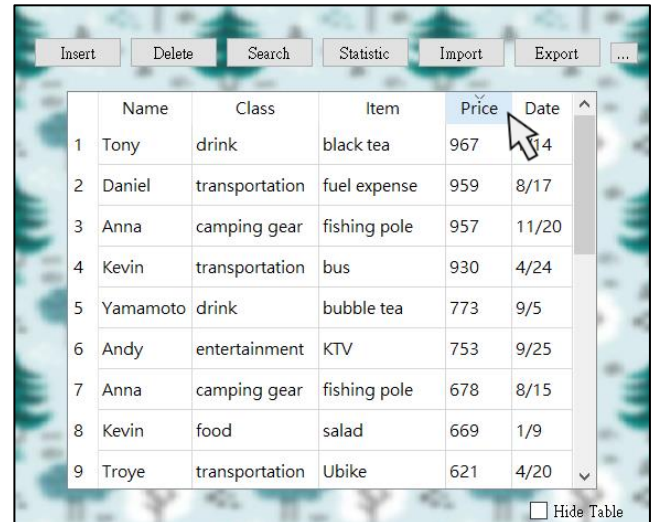
When you click on one of the above headings, they will be arranged from small to large. On the contrary, click again will be arranged from large to small.



	Name	Class	Item	Price	Date
1	Andy	camping gear	fishing pole	527	11/18
2	Andy	entertainment	KTV	753	9/25
3	Anna	camping gear	fishing pole	678	8/15
4	Anna	camping gear	fishing pole	957	11/20
5	Bella	entertainment	aquarium	169	9/6
6	Bella	entertainment	aquarium	256	8/9
7	Daniel	transportation	fuel expense	959	8/17
8	Elisa	camping gear	fishing pole	371	8/6
9	Elisa	camping gear	canteen	499	11/8

☐ Hide Table

Sorted by Name  
(From A to Z)



	Name	Class	Item	Price	Date
1	Tony	drink	black tea	967	11/14
2	Daniel	transportation	fuel expense	959	8/17
3	Anna	camping gear	fishing pole	957	11/20
4	Kevin	transportation	bus	930	4/24
5	Yamamoto	drink	bubble tea	773	9/5
6	Andy	entertainment	KTV	753	9/25
7	Anna	camping gear	fishing pole	678	8/15
8	Kevin	food	salad	669	1/9
9	Troye	transportation	Ubike	621	4/20

☐ Hide Table

Sorted by Price  
(From Large to Small)

## - Statistic

This function is our pride! It can split the whole expenses with your friends or family members and clearly show who needs to pay to the person who overpaid. If the cost is not divisible, the program will randomly choose who should pay more.



Total: 8335		Average: 926		Exceed: Kevin (\$1)	
Vicky --> Anna (\$72)					
Vicky --> Tony (\$734)					
Esther --> Andy (\$108)					
Esther --> Anna (\$637)					
Bella --> Kevin (\$3)					
Bella --> Daniel (\$33)					
Bella --> Elisa (\$219)					
Bella --> Andy (\$246)					

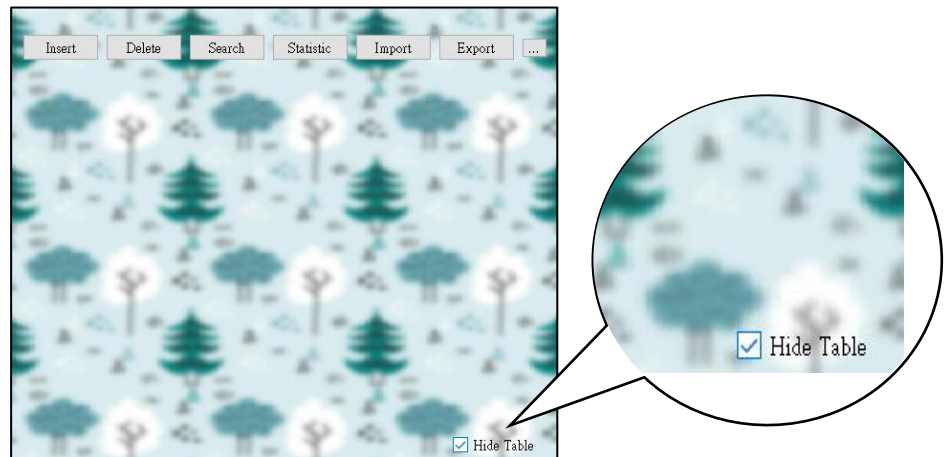
Statistic Function



- PERSONAL SETTINGS

- **Hide table**

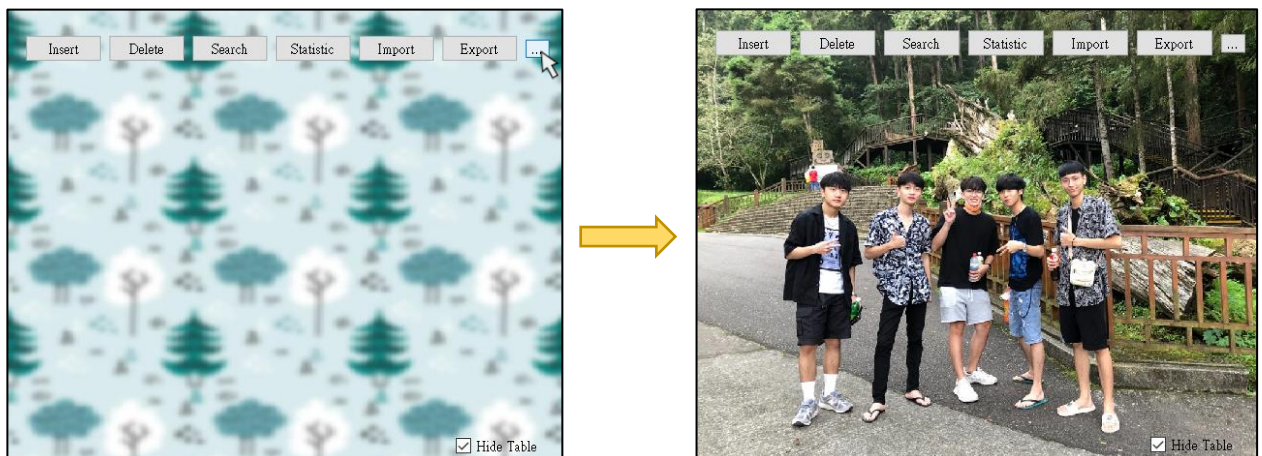
You can tick the *Hide Table* below to see the background.



Hide Table Function

- **Background**

In this feature, you can choose a picture on your device as your background, and click *Hide Table* to see the background.



Change the background