Amount book documentation
Team   4-amigos

Authors:

Yangzekun Gao

Maiqi Hou

Zhengyan Hu

Jingke Shi

Abstract

Amount book is a software designed for people who want to track and record their income and expense by sequence. Amount book also provide a platform to export the records and filters which can be used to search specific records by events, time, etc.

Requirement

1. Choose page(Adding or viewing) from main page

2. Add record(event, date, type, amount)

3. Delete record

4. Edit record

5. Search by filters

6. Export file

Analysis

Based on Java

Swing graphical user interface design

Junit test implementation

Domain model frames

Table of Contents

1- Choose page

The first page you will see is main page when you start to use our amount book, and title will be accounting tool. There are two pages you can choose, which are Adding page and Viewing page.

Click the button of the page you want.

2 - Add a record

To add a record, you are required to choose adding page from main page. After that, you are good to choose event, type, time (or date) and submit some comments. The events include food, shopping, transportation, entertainment, travel, study, salary, financial server, and other. The two type of your record could be expense and income. Our system will record the income as positive number and the expense will be negative number. To input the amount, you need use edit button to set the number. As for time, you need to set year, month, it will automatically be the time of today when you set date, and you can choose whenever you want.

Besides, you can also add extra information of the record in comments.

3 - Edit a past record

4 - Delete record

To delete a record, you are required to choose viewing page from main page.

You are also required to have at least one record to delete

5 - Search a specific record by filter

To Search a specific record by filter, you are required to choose viewing page from main page. You are also required to have at least one record to be searched(although this function works better for large amount records). The filter works for specific event or date.

6 - Export file

Our amount book has the exporting function. To use this function, you are required to

choose viewing page from main page. And the