

Class mainPage:

Class responsibility:

1. detect button clicked by the user
2. redirect to other Frames

Void UI():

This method initializes our main page frame of software and set it visible to the user.

Void detectAction():

This method will detect the button that was clicked.

If adding button has been clicked, we will show the addPage to the user.

If the viewing button has been clicked, we will show the viewPage to the user.

Class addPage():

Class responsibility:

1. Receive the information passed by the user
2. Go back to the main page

Void UI():

This method initializes our add page frame and sets it visible to the user.

Void detectAction():

This method will detect the button that was clicked.

If the back button has been clicked, we will cancel adding and close the adding Page

Void addRecord():

If adding button has been clicked, we will store the information from the user to record.

Get the system time as a date.

Push the record and date to accountingTable.

Close adding Page.

Class amountDialog():

Class responsibility:

1. The class will receive the amount entered by the user through the button
2. Store the amount for the user to enter

Void UI():

This method initializes our amountDialog frame and sets it visible to the user.

Void detectAction():

This method will detect the number button that was clicked. Show the amount on the screen.

If enter has been clicked, the system will return to the add page and pass the amount to add page

If delete has been clicked, the system will delete the last digit of the amount

Class record():

Class responsibility:

1. This class is implemented to store various data such as amount, event, type, comment.

Double getAmount():

Return the amount.

String getEvent():

Return the Event.

String getType():

Return the Type.

int getID():

Return the Event.

void getID():

change the ID.

void setAmount():

Change the amount

void setEvent():

Change the Event.

void setType():

Change the Type.

Class date

Class responsibility:

1. store date information set by user

Void setYear()

This method receive and set the related year by User

Void setMonth()

This method receive and set the related month by User

Void setDay()

This method receive and set the related day by User

Void getYear()

This method get the related year to User

Void getMonth()

This method get the related month to User

Void getDay()

This method get the related day to User

Class calendarPage

Class responsibility:

1. show the date range and related information to User
2. Redirect to other Frames

Void getYear()

This method get the related year to user

Void getMonth()

This method get the related month to user

Void getDay()

This method get the related day to user

Void UI()

This method initializes our calendar Page frame of software and set it visible to user

Class viewPage

Class responsibility:

1. detect menu and label supplied to user
2. Redirect to other frames

Void UI()

This method initializes our calendar Page frame of software and set it visible to user

Void detectAction()

This method will detect menu that chose by user:

1. If eventFilter chose, filter records by events
2. If typeFilter chose, filter records by type
3. If export chose, export the records filtered.

Class accountingTable

Class responsibility:

1. Store the collections of records by array list
2. Implementation of JTable for the collections of array list
3. Export method implementation

Void fillTable()

This method will load local files of record

This method also generates JTable

Void update Table()

This method will add new records to the collection array list

Void getRecord()

This method will return records in range given by user

Void setRecord()

This method will set records revised by user

Void export()

This method will export CSV file in range

Void getTable()

This method will return the table

