**Class Record:**

Class responsibility:

1. Collection to record information from user

2. High coupling with database

3. Record will store amount, comment, type, event, store.

4. record store to database

5. change by the accounting table

**Class database:**

Class responsibility:

1. Collection to record information from user

2. low coupling with Record

3. database will store a lot of records of the user.

**Class AccountingTables:**

1. Load the table from database
2. Edit the database
3. Create Record for edit database
4. Table Filter by viewController.
5. Delete a record
6. high coupling with Record

**Class addController:**

1. Create a record with information from users
2. Add record to database.
3. high coupling with Record

**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