

# ***FINANCE MANAGEMENT SYSTEM***

NAME: MD HASAN AL KAYEM

LEVEL- 1, TERM -2

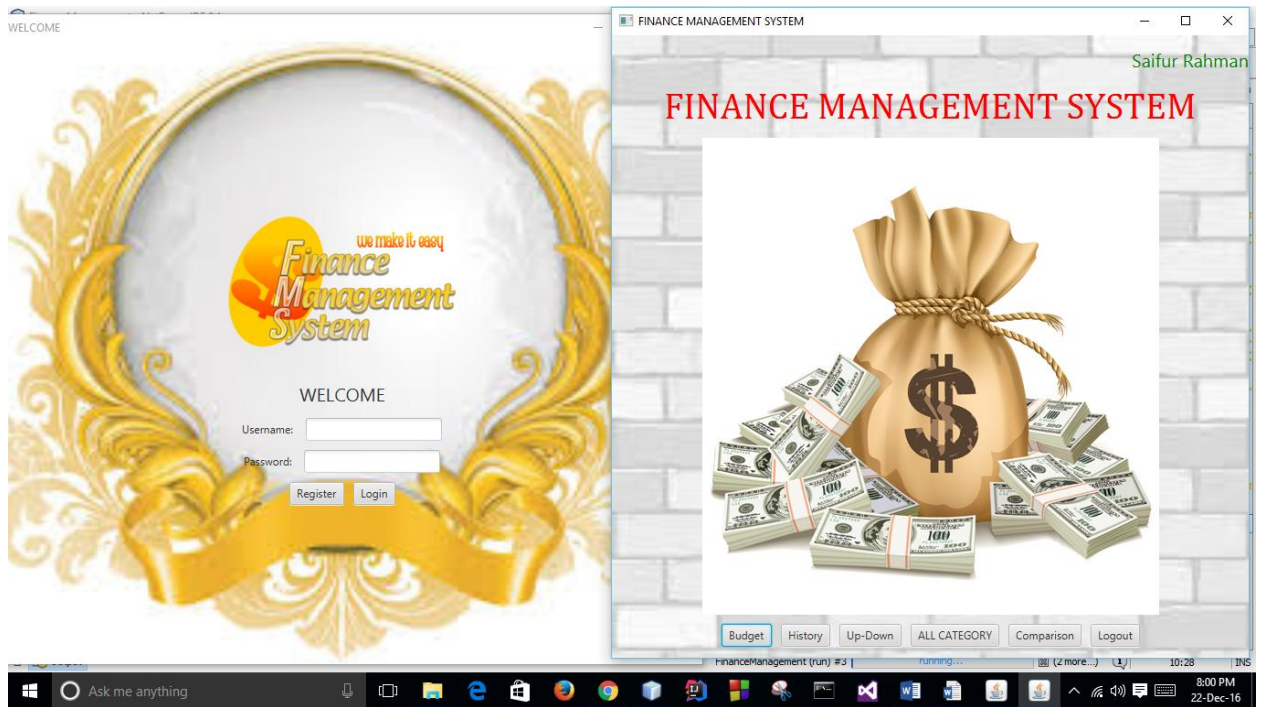
## How To Run by Command line:

1. Go to this link:  
[https://drive.google.com/drive/folders/OB23H1v9\\_WKipbkhGRXRVVUdTdEU?usp=sharing](https://drive.google.com/drive/folders/OB23H1v9_WKipbkhGRXRVVUdTdEU?usp=sharing)
2. Download the project
3. Run ServerComponent.EchoMultiServer.java class by compiling and without passing any argument
4. Then give the server IP in Mongora.ClientHandling.java class at the line 1061 and 1095 by changing InetAddress.getLocalHost() to InetAddress.getByName(ServerIP).
5. Then compile and run Mongora.ClientHandling.java class without passing any argument.
6. Enjoy the project by clicking on button and seeing GUI.

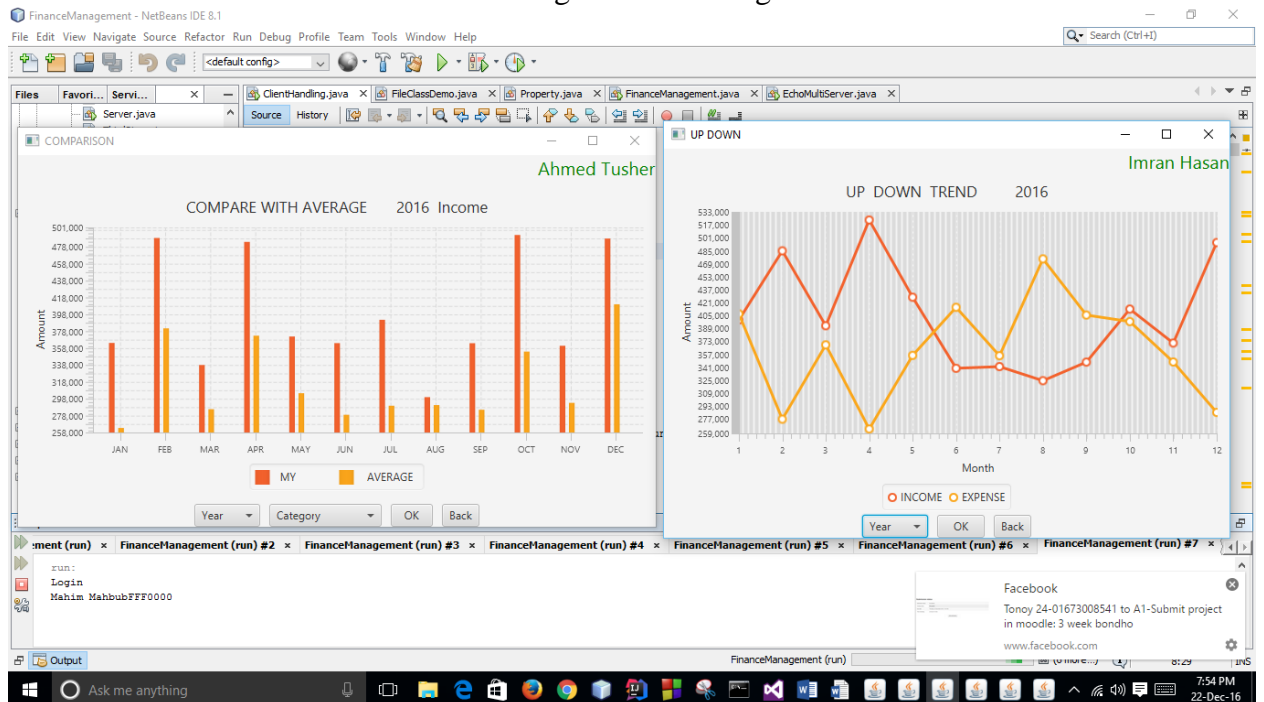
## Analysis of Project

### Graphics User Interface:

1. **Welcome label:** In this label at first you have to submit your name and password to register. Then if you are a registered user, you can log in with your username and password.
2. **Menue Stage:** In this stage, you can see different menue item to explore. You can communicate with all the features from this stage.
3. **Budget Section:** In this stage, you can create your daily budget of incomes and expenses by choosing date, category and entering amount of money. You can edit, delete or save your every transaction in this section.
4. **History Section:** In this stage, you can see all the transaction that you saved your previous budgets serially.
5. **Changing Trend:** You can see your categorized changing trend in every month of any year that you inserts. Thus you can compare your trend of incomes of expenses.
6. **All Category:** In this section, you can compare your categorized data , even you can see ration of income and expense of any month of any year



## Welcome Stage & Menu Stage



## Comparison & Up-Down Trend

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BUDGET SECTION

MAKE YOUR BUDGET

DAY MONTH YEAR CATEGORY AMOUNT

No content in table

Category Amount ADD EDIT DELETE

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HISTORY

PREVIOUS BUDGET

DAY	MONTH	YEAR	CATEGORY	AMOUNT
1	DEC	2016	Income	20000.0
1	DEC	2016	Education	4000.0
1	DEC	2016	Health	2400.0
1	DEC	2016	Income	30000.0
2	DEC	2016	Food	200.0
2	DEC	2016	Shopping	2100.0
2	DEC	2016	Education	550.0
2	DEC	2016	Health	800.0

Output

run: Login Mahim Mahbu BUILD SUCCESS

FinanceManagement (run) #7

8:29 PM 22-Dec-16

Budget Section(up) and History Section(down)

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RATIO

INCOME VS EXPENSE MAY 2016

Expense

Income

Income -> 371741.0/= EXPENSE -> 483347.0/= INCOME : EXPE...

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Entertainment\_25946.0 Shopping\_3498.0

ALL CATEGORY

ALL CATEGORY JUL 2016

Food Taxes Pets Gift Entertainment Shopping Home Uncategorized Fees Business Transfer Education Bills Health Donation Technology Uncategorized Fees Business Travel Transfer Education Bills Health Kids Gift Entertainment Shopping

Year Month OK Ratio Back

10:28 PM 22-Dec-16

Income Expense Ratio & All Category

## Class Files

### Server: *ServerComponent.EchoMultiServer.java*

The server is aEchoServer which are running a thread to search clients on the server. If it finds a client then it runs a parallel thread to perform tasks as Client want.

### *FileClass.FileClassDemo.java*

publicFileClassDemo(String filename) ::Constructor of member filename.

public void open() :: Create a new file if it does not exist for invoking object.

public void appendwrite(String data) :: Write data appendly on invoking object

public String read() :: Read all data from the invoking object's file

### *TableJavafx.Property.java*

Property is a simple class which members are

Int day, String month, Int year, String category and Double amount.

## Scope of Improvement:

1. There might be some animation to make it more gorgeous.
2. There could be some extra feature to subcategory of category, using calendar class, section of comments about one's budget comparing with other budget etc.
3. There should be Alert system to a client by analysis of last two month's transaction like Income, or in Education expense with considerable amount.
4. You can make capability of your App by Laptop and Android
5. You can follow mint.com software to make this project better
6. You can make some user capability to make new category, you
7. You can create more flexibility to user of your system