



HAJEE MOHAMMAD DANESH SCIENCE AND TECHNOLOGY UNIVERSITY

Project Name : Mess Management

Course Code: CSE 254

Course Title : Object Oriented Programming (JAVA)



Submitted by

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Objective of the Project

- 1. Meal Management**
- 2. Member Information**
- 3. Money Collection**



Descriptions of the Project

- 1. Member Information**
- 2. Simple Data Management**
- 3. Money Collection**
- 4. Monthly Information for the Members**

Advantages

1. Easy to operate
2. Simple User interface
3. Light weight
4. Buttons

Technical Function

1. Permanent Address
2. Members Information
3. Meal
Rate
4. Meal Per
Day

Technical Tools

Used

1. Java

Language

2. Netbeans IDE

3. Java

Swing

4. Java

AWT



Data

Storage

**Data stored in Offline
Data-Base**



Project's Internal Structure

1. Interface (Java Swing, Java
AWT)

Status

3. Member Details

4. Monthly Detail

5. Add

Money

6. Edit

Password

7. Add Member

Algorithm

Login Step:

1. Developer Login
2. Admin Login
3. Status & Other Information

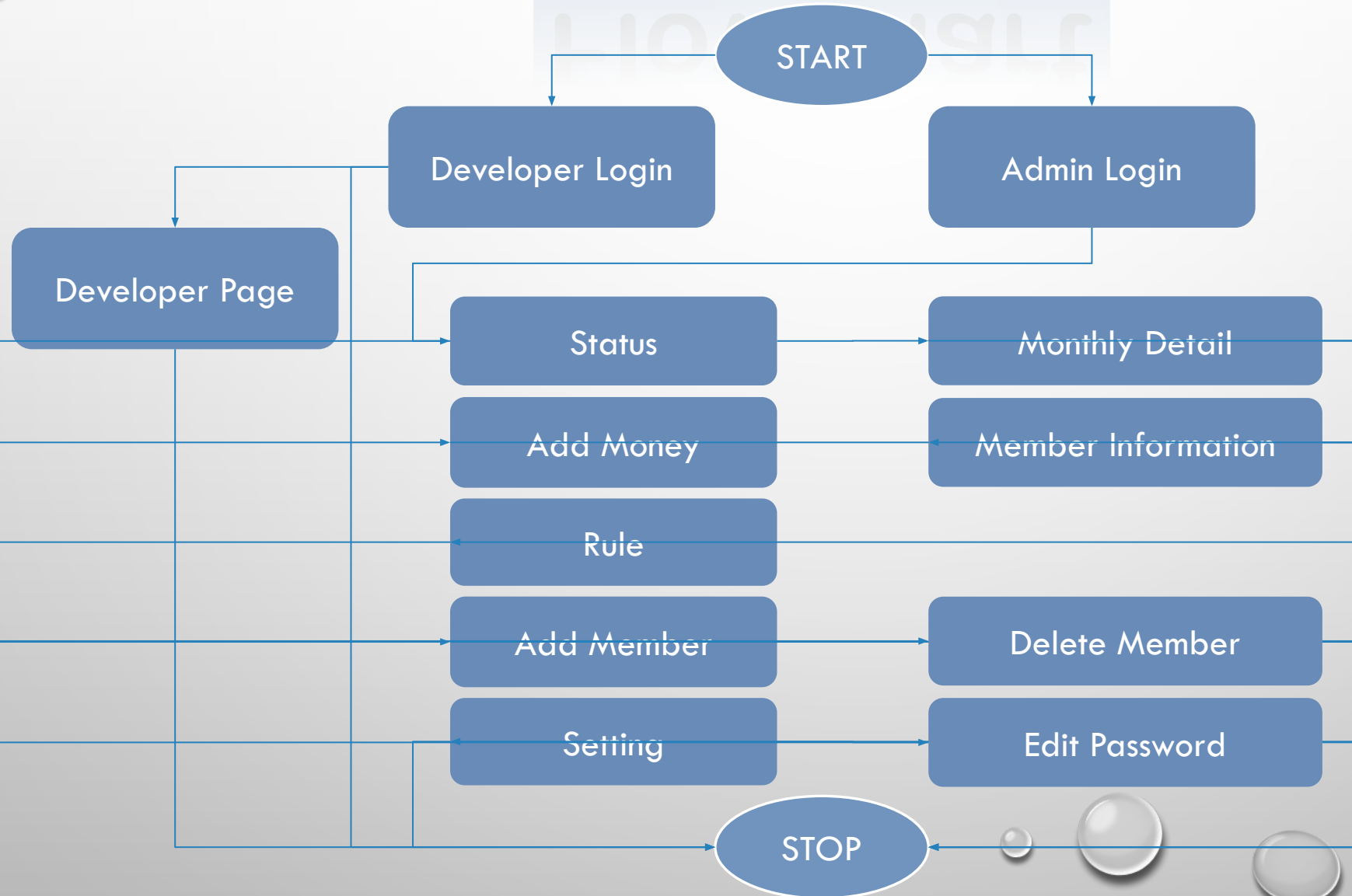
Program Inside Step:

1. Status, Member Monthly Information
2. Add Money, Add Member
3. Show Information

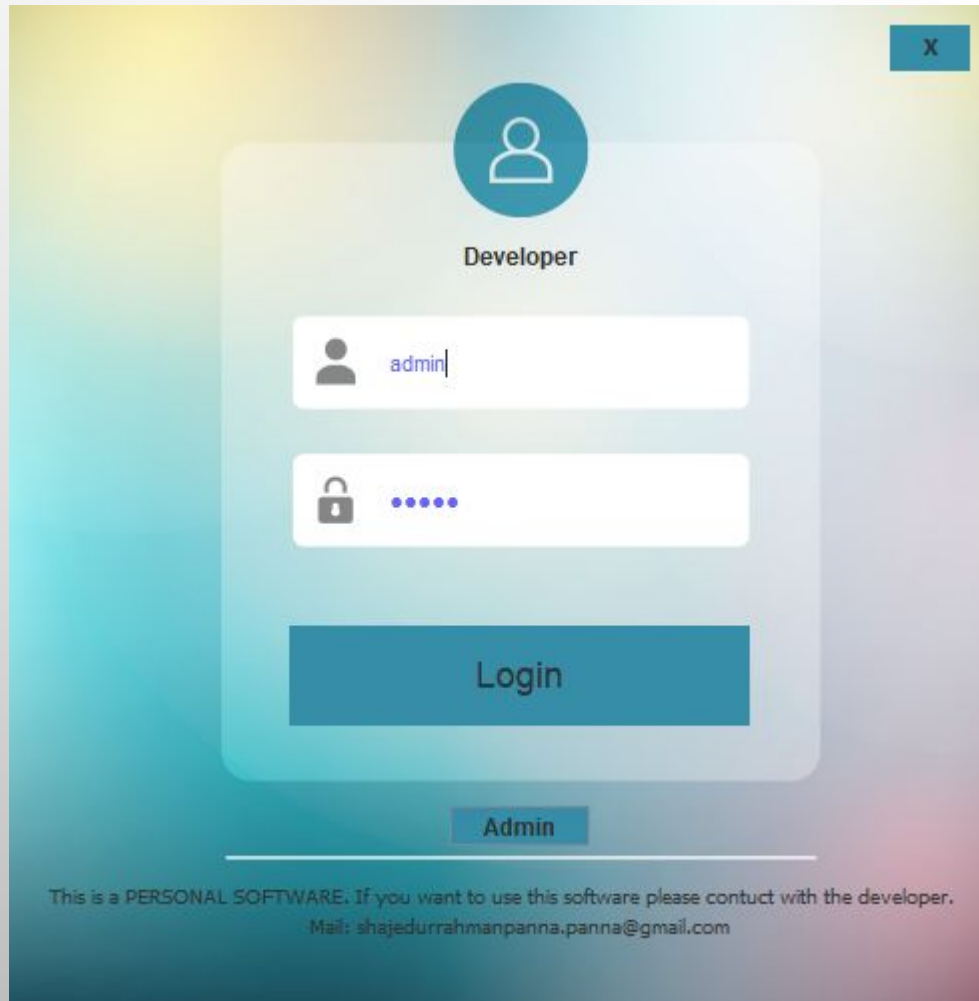
Creation Step:

1. Create New Data-Base
2. Create New Member Data-Base
3. Show Error with error info if Data-Base Failed
4. Create Monthly Information

Flowchart



Developer Login



A login form for a Developer. The form is centered on a blue-to-teal gradient background. At the top right is a close button 'X'. Below it is a teal circle with a white person icon, followed by the text 'Developer'. There are two input fields: the first has a person icon and the text 'admin|', the second has a lock icon and five dots. Below these is a teal 'Login' button. At the bottom, there is a link labeled 'Admin' and a footer text: 'This is a PERSONAL SOFTWARE. If you want to use this software please contact with the developer. Mail: shajedurrahmanpanna.panna@gmail.com'.

X

Developer

admin|

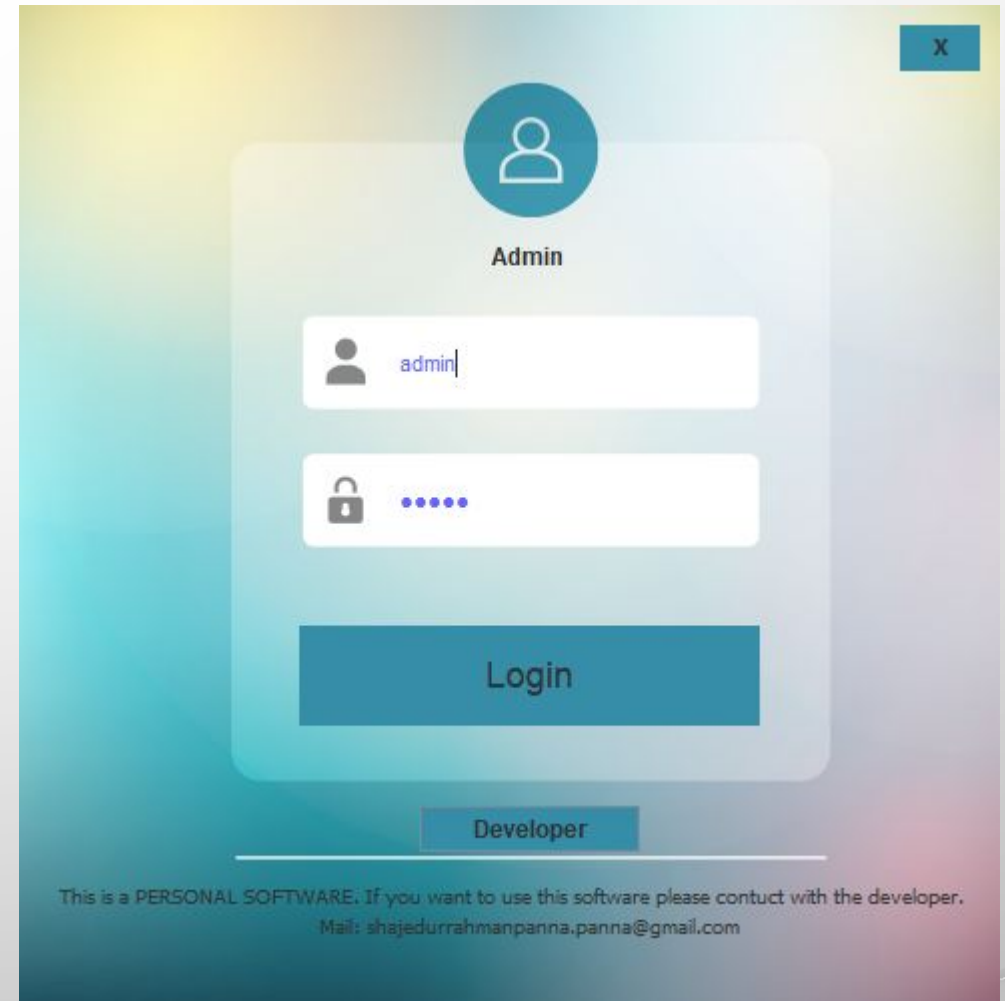
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Login

[Admin](#)

This is a PERSONAL SOFTWARE. If you want to use this software please contact with the developer.
Mail: shajedurrahmanpanna.panna@gmail.com

Admin Login



A login form for an Admin. The form is centered on a blue-to-teal gradient background. At the top right is a close button 'X'. Below it is a teal circle with a white person icon, followed by the text 'Admin'. There are two input fields: the first has a person icon and the text 'admin|', the second has a lock icon and five dots. Below these is a teal 'Login' button. At the bottom, there is a link labeled 'Developer' and a footer text: 'This is a PERSONAL SOFTWARE. If you want to use this software please contact with the developer. Mail: shajedurrahmanpanna.panna@gmail.com'.

X

Admin

admin|

.....

Login

[Developer](#)

This is a PERSONAL SOFTWARE. If you want to use this software please contact with the developer.
Mail: shajedurrahmanpanna.panna@gmail.com

Status

Menu

Status

Add Money

Rule

Add Member

Setting

Log out

Status

ID	NAME	MOBILE	P_MOBILE	REMAINING MO...	TOTAL MEAL
1	a	01703718809	01703718809	2320	49
2	b	01703718809	01703718809	380	26
3	3	01703718809	01703718809	380	26
4	d	01703718809	01703718809	380	26
5	e	01703718809	01703718809	380	26
6	f	01703718809	01703718809	380	26
7	g	01703718809	01703718809	380	26
8	h	01703718809	01703718809	380	26
9	i	01703718809	01703718809	380	26
10	i	01703718809	01703718809	420	24
11	j	01703718809	01703718809	999480	26
12	k	01703718809	01703718809	-520	26
13	l	01703718809	01703718809	-520	26
14	m	01703718809	01703718809	-520	26
15	n	01703718809	01703718809	-520	26
16	p	01703718809	01703718809	-520	26
17	n	01703718809	01703718809	-520	26
18	m	01703718809	01703718809	-520	26
19	o	01703718809	01703718809	-520	26
20	p	01703718809	01703718809	-520	26
21	s	01703718809	01703718809	-520	26
22	t	01703718809	01703718809	-520	26

Total Member : 30
Meal Rate : 20
Meal Per Day : 3

Monthly Detail

Member Detail

Monthly Detail

2019 9 28

- X

ID	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	a	2	2	2	2	2	2	2	2	0	3	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	b	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
3	3	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
4	d	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
5	e	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
6	f	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
7	g	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
8	h	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
9	i	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
10	i	2	2	2	2	2	2	2	2	0	1	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
11	j	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
12	k	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
13	l	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
14	m	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
15	n	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
16	p	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
17	n	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
18	m	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
19	o	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
20	p	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
21	s	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
22	t	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
23	u	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
24	v	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
25	w	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
26	x	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
27	y	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
28	z	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
29	aa	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2
30	aabb	2	2	2	2	2	2	2	2	0	3	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2

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Full Meal : 3

Full

ID :

Meal Number :

Update

Member Information

ID	NAME
1	a
2	b
3	3
4	d
5	e
6	f
7	g
8	h
9	i
10	i
11	j
12	k
13	l
14	m
15	n
16	p
17	n
18	m
19	o
20	p
21	s
22	t
23	u
24	v
25	w
26	x
27	y

Select ID to get Detail

ID

ID : 1

Name : a

Mobile : 01703718809

Mail : mail.gmail.com

job & study

job hstu
study hstu

Father :

Mother :

Family Mobile Number : 01703718809

Address

Money : 3300

Meal : 49

Add Money

Menu

Status

Add Money

Rule

Add Member

Setting

Log out

Rule

ID	NAME	MONEY	REMAINING
1	a	3300	2320
2	b	900	380
3	3	900	380
4	d	900	380
5	e	900	380
6	f	900	380
7	g	900	380
8	h	900	380
9	i	900	380
10	i	900	420
11	j	1000000	999480
12	k	0	-520
13	l	0	-520
14	m	0	-520
15	n	0	-520
16	p	0	-520
17	n	0	-520
18	m	0	-520
19	o	0	-520
20	p	0	-520
21	s	0	-520
22	t	0	-520

ID

1

MONEY: 3300 + 500 = 3800

Press enter to update the information

Add

Rule

Menu	Rule
Status	
Add Money	
Rule	
Add Member	
Setting	
Log out	

Meal Rate (20)	<input type="text" value="20"/>
Meal Per Day (3)	<input type="text" value="3"/>

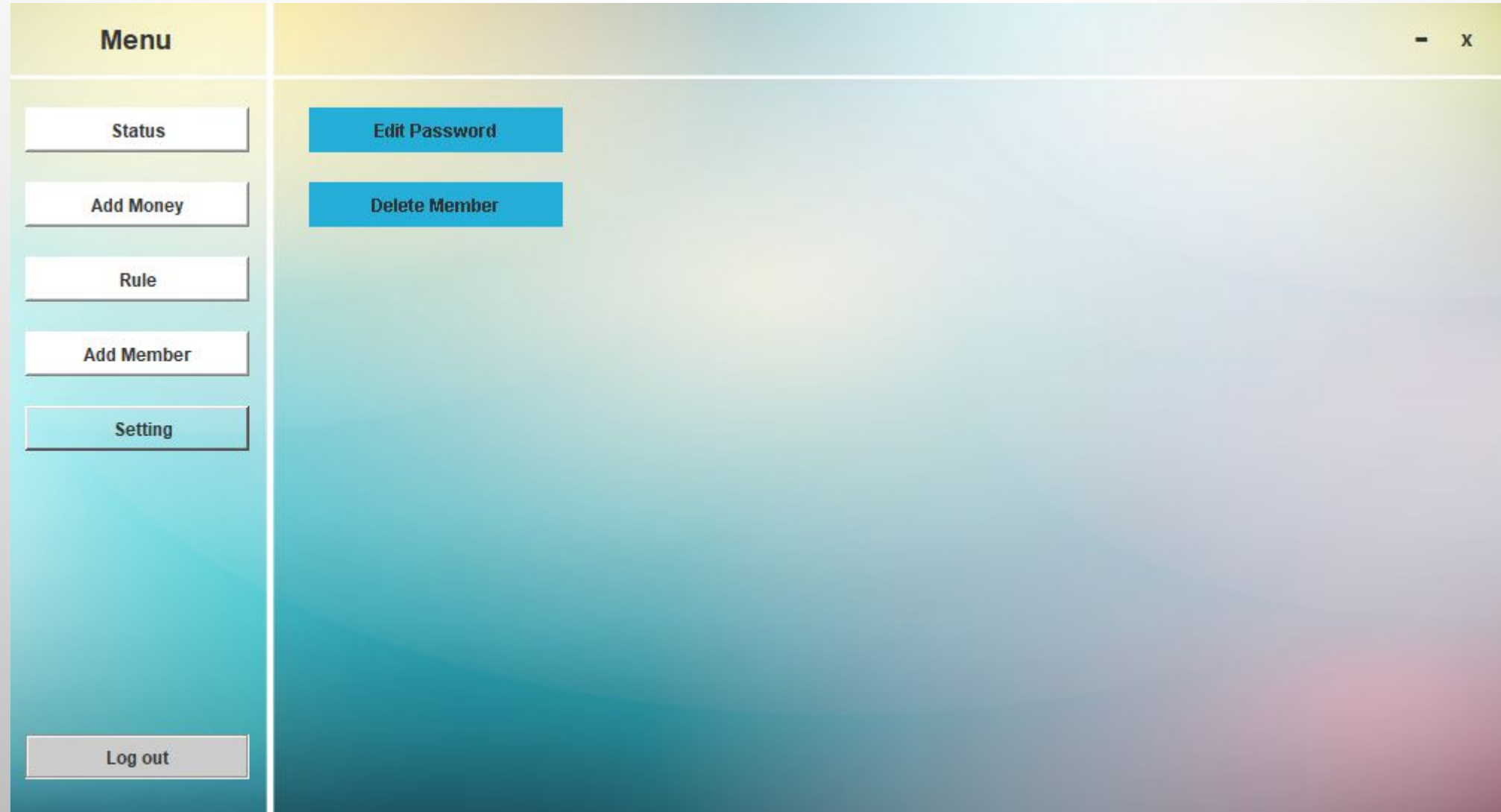
Change

Add Member

Menu	Enter New Member Info	
Status		
Add Money		
Rule		
Add Member		
Setting		
Log out		

Enter New Member Info	
ID*	31
Name*	
Mobile*	
Mail	
Present Status	
Job/Study	
Details	
Permanent Address	
Father's Name	
Mother's Name	
Mobile*	
Address	
Next	

Setting



Delete Member

ID	NAME	MOBILE	P_MOBILE
1	a	01703718809	01703718809
2	b	01703718809	01703718809
3	3	01703718809	01703718809
4	d	01703718809	01703718809
5	e	01703718809	01703718809
6	f	01703718809	01703718809
7	g	01703718809	01703718809
8	h	01703718809	01703718809
9	i	01703718809	01703718809
10	i	01703718809	01703718809
11	j	01703718809	01703718809
12	k	01703718809	01703718809
13	l	01703718809	01703718809
14	m	01703718809	01703718809
15	n	01703718809	01703718809
16	p	01703718809	01703718809
17	n	01703718809	01703718809
18	m	01703718809	01703718809
19	o	01703718809	01703718809
20	p	01703718809	01703718809
21	s	01703718809	01703718809
22			

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ID	<input type="text"/>
ADMIN USER & PASSWORD	
USER NAME	<input type="text"/>
PASSWORD	<input type="password"/>

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Next

Summary of the Project

Though some limitations here, we have done this project successfully.
We have created a Simple Data management System using the basic GUI elements of Java language. We are trying to add some new features.
So stay healthy for the upcoming updates.

Share your comments & problems : shajedurrahmanpanna.panna@gmail.com

The image features a light gray gradient background. In the top-left and bottom-right corners, there are several realistic water droplets of varying sizes, rendered with soft shadows and highlights to give them a three-dimensional appearance. Centered in the middle of the image is the text "THANK YOU FOR BEING WITH US" in a bold, dark blue, sans-serif font.

THANK YOU FOR BEING WITH US