

# Implementation of SQL Statements:

Insert statement:

- ➔ The INSERT INTO statement is used to insert new records in a table.
- ➔ The INSERT INTO syntax : INSERT INTO table\_name VALUES (value1, value2, value3, ...).

Update statement:

- ➔ An SQL UPDATE statement changes the data of one or more records in a table. Either all the rows can be updated, or a subset may be chosen using a condition.
- ➔ The UPDATE syntax : UPDATE table\_name SET column\_name =value, column\_name=value... [WHERE condition]

Create statement:

- ➔ Syntax: CREATETABLE table\_name (column1datatype, column2datatype, column3 datatype, column datatype, PRIMARY KEY (one or more columns)).

Delete statement:

- ➔ The DELETE statement is used to delete existing records in a table.
- ➔ Syntax: DELETE FROM table\_name WHERE condition.

To delete data of a table: EG

- ➔ truncate meterinfo;

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## MySQL Tables:

Login table->

	meter_no	username	name	password	user
▶		duser	Divya	12345	Admin
	677517		Sagar Shah		
	368805	teena	Teena Ranka	67890	Customer
	915071	malavika	Malavika	23456	Customer
	218437	ayushi	Ayushi Sinha	34567	Customer
	174705		Saroja		
	728214	aleena	Aleena	12345	Customer

Customer table ->

	name	meter_no	address	city	state	email	phone
▶	Sagar Shah	677517	Bhayander	Mumbai	Maharashtra	sagar@gmail.com	8756498078
	Teena Ranka	368805	Andheri (West)	Mumbai	Maharashtra	teena@gmail.com	9876590789
	Malavika	915071	Khar Road	Ernakulam	Kerala	malavika@gmail.com	7893435610
	Ayushi Sinha	218437	Link Road	Patna	Bihar	ayushi@gmail.com	8796056789
	Saroja	174705	Khar Road	Mumbai	Maharashtra	saroja@gmail.com	9876056789
	Aleena	728214	Andheri	Mumbai	Maharashtra	aleena@gmail.com	9768044566

Meter\_info table ->

	meter_no	meter_location	meter_type	phasecode	billtype	days
▶	677517	Inside	Electric Meter	11	Normal	30
	368805	Inside	Smart Meter	33	Normal	30
	915071	Inside	Electric Meter	44	Normal	30
	218437	Inside	Solar Meter	33	Normal	30
	174705	Inside	Smart Meter	33	Normal	30
	728214	Inside	Smart Meter	22	Normal	30

Tax table->

	cost_per_unit	meter_rent	service_charge	service_tax	fixed_tax
▶	9	45	22	55	18

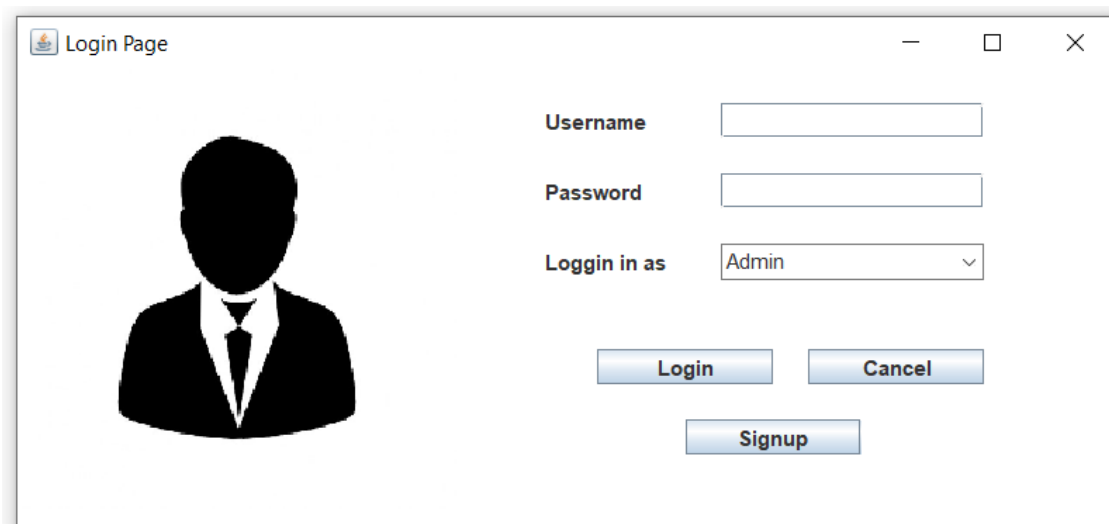
Bill table ->

	meter_no	month	units	totalbill	status
▶	948621	May	130	1310	Not Paid
	915071	January	150	1490	Not Paid
	368805	May	150	1490	Not Paid
	218437	May	150	1490	Paid
	174705	May	180	1760	Not Paid
	728214	May	100	1040	Not Paid

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## Snapshots:

Login Page ->

A screenshot of a web application's login page. The page has a title bar with a small icon and the text "Login Page". On the left side, there is a large black silhouette of a person in a suit. To the right of the silhouette, there are three input fields: "Username", "Password", and "Login in as". The "Login in as" field is a dropdown menu with "Admin" selected. Below these fields are three buttons: "Login", "Cancel", and "Signup". The "Login" and "Cancel" buttons are blue with white text, while the "Signup" button is white with blue text.

Login Page

Username

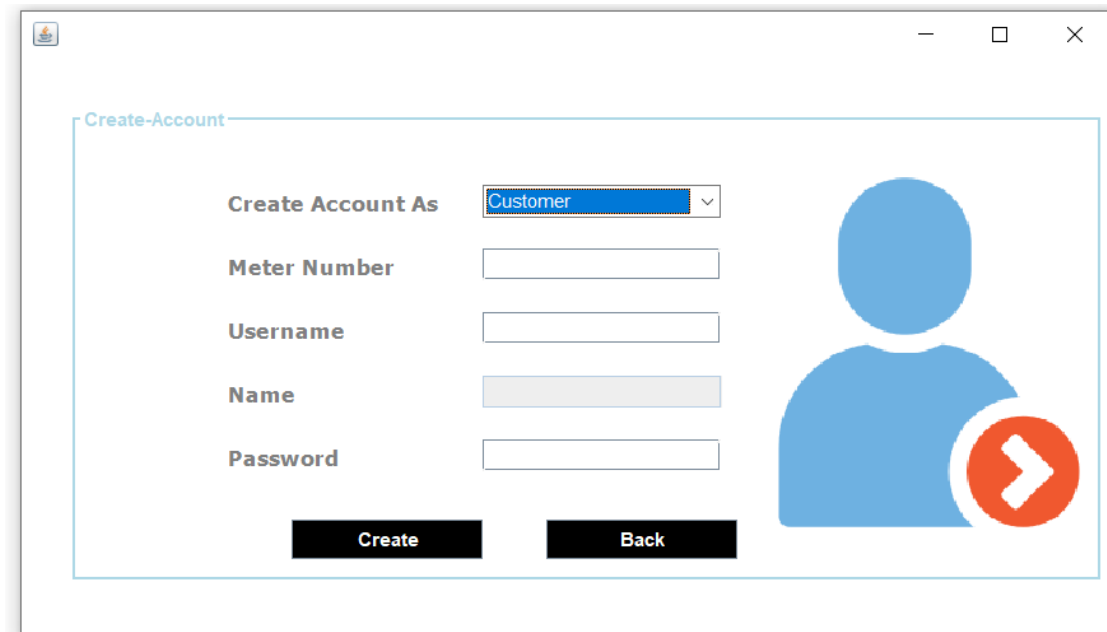
Password

Login in as

Login Cancel

Signup

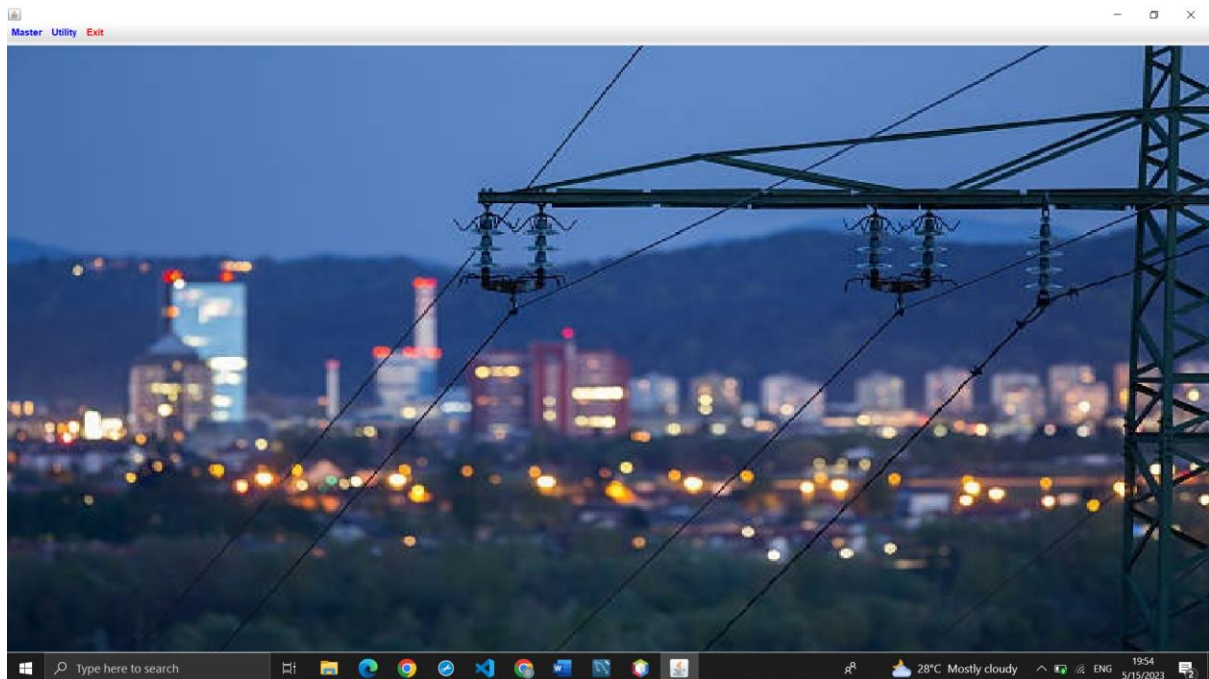
Signup Page ->



The screenshot shows a web application window titled "Create-Account". Inside the window, there is a form with the following fields and controls:

- Create Account As:** A dropdown menu with "Customer" selected.
- Meter Number:** A text input field.
- Username:** A text input field.
- Name:** A text input field.
- Password:** A text input field.
- Buttons:** Two buttons at the bottom, "Create" and "Back".
- Graphic:** A blue silhouette of a person with a red circular arrow icon overlaid on the right side.

Admin Portal ->



Features :

New Customer ->

Master Utility Exit

### New Customer

Customer Name

Meter No 258123

Address

City

State

Email

Phone No

Next Cancel

Customer Details ->

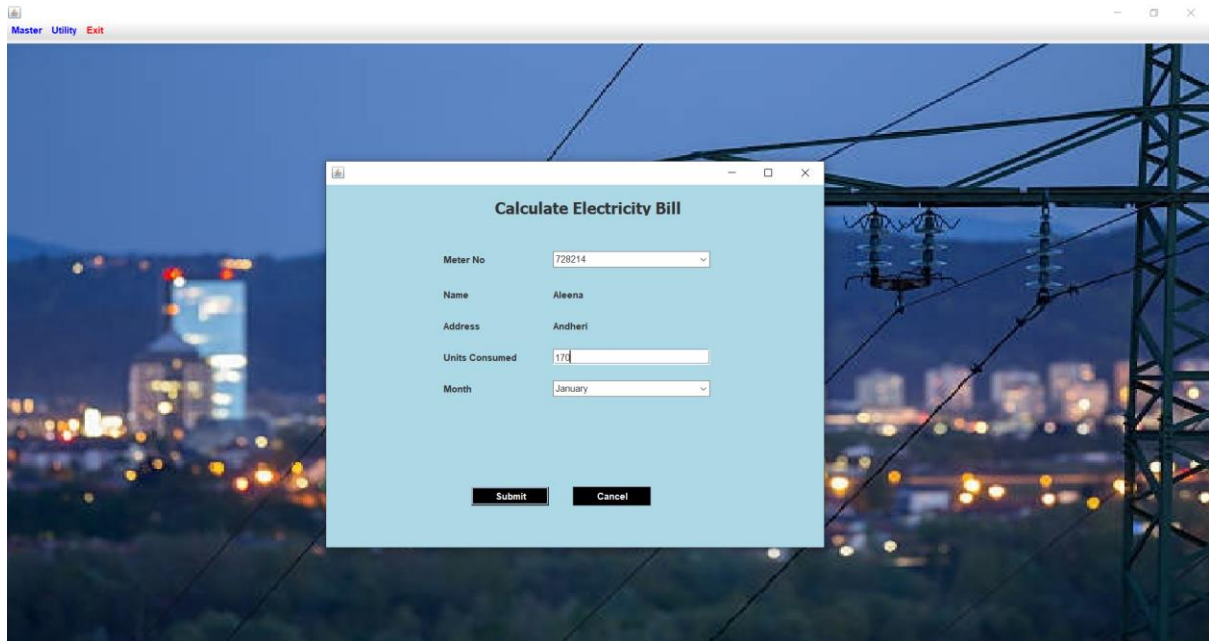
Master Utility Exit

Deposit Details

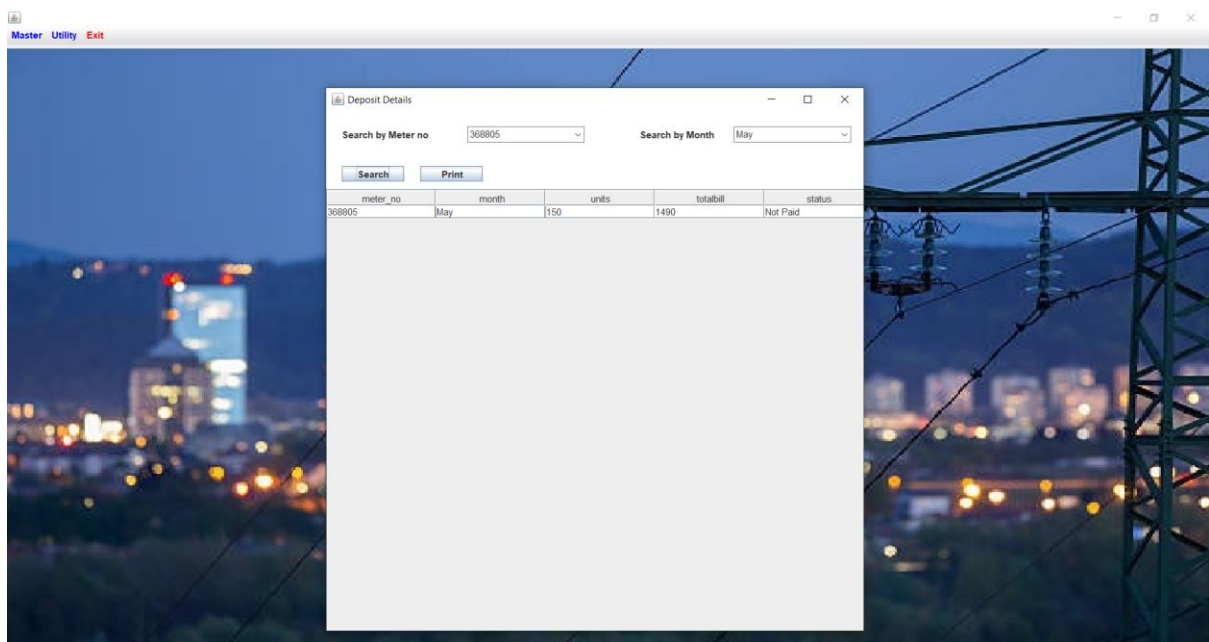
name	meter_no	address	city	state	email	phone
Sagar Shah	677517	Bhayander	Mumbai	Maharashtra	sagar@gmail.com	8756498078
Teena Ranka	368805	Andheri (West)	Mumbai	Maharashtra	teena@gmail.com	9876590789
Malavika	915071	Khar Road	Ernakulam	Kerala	malavika@gmail.com	7893435610
Ayushi Sinha	218437	Link Road	Patna	Bihar	ayushi@gmail.com	8796056789
Saroja	174705	Khar Road	Mumbai	Maharashtra	saroja@gmail.com	9876505678
Aleena	728214	Andheri	Mumbai	Maharashtra	aleena@gmail.com	9768044566

Print

Calculate Bill ->

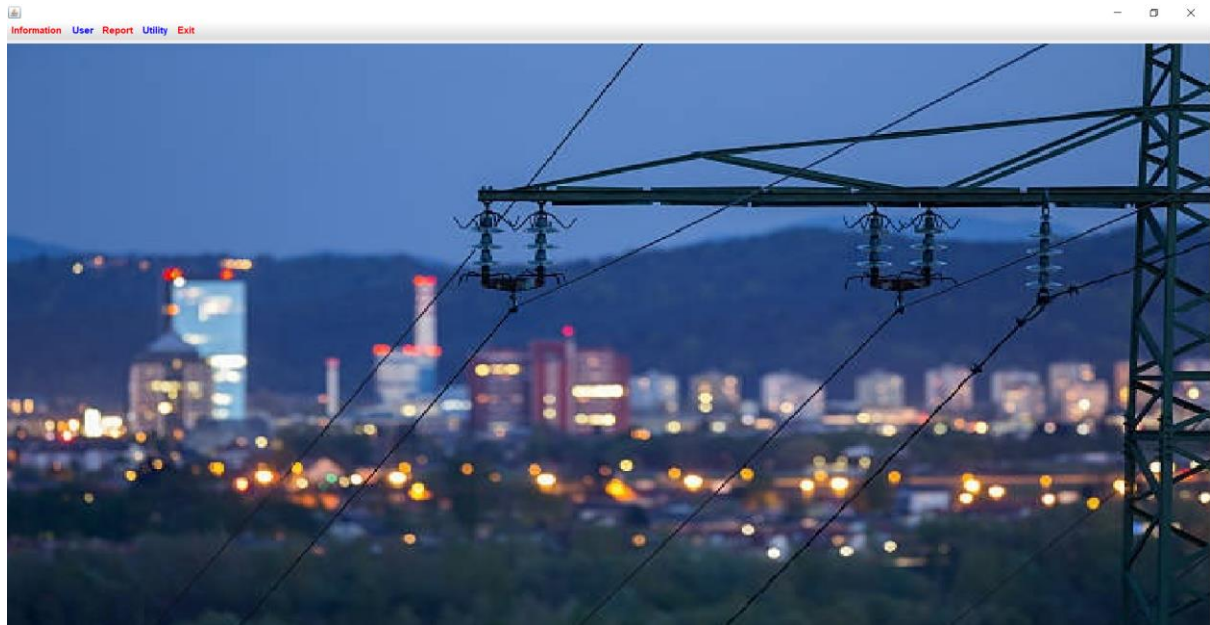


Deposit Details ->

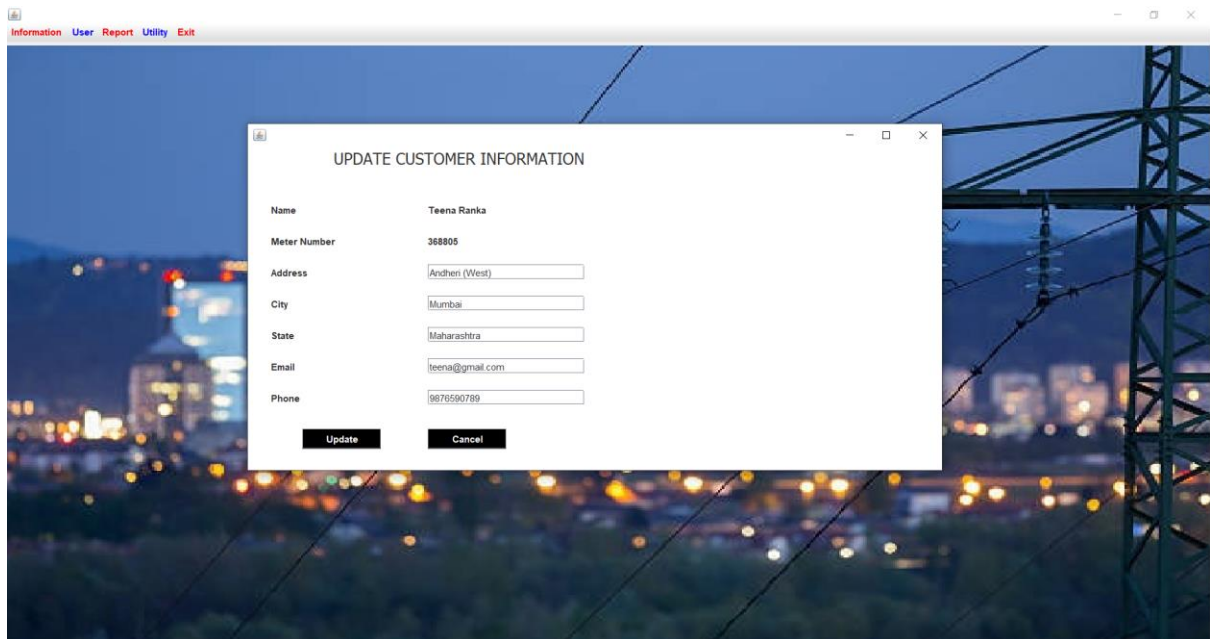


Customer portal ->

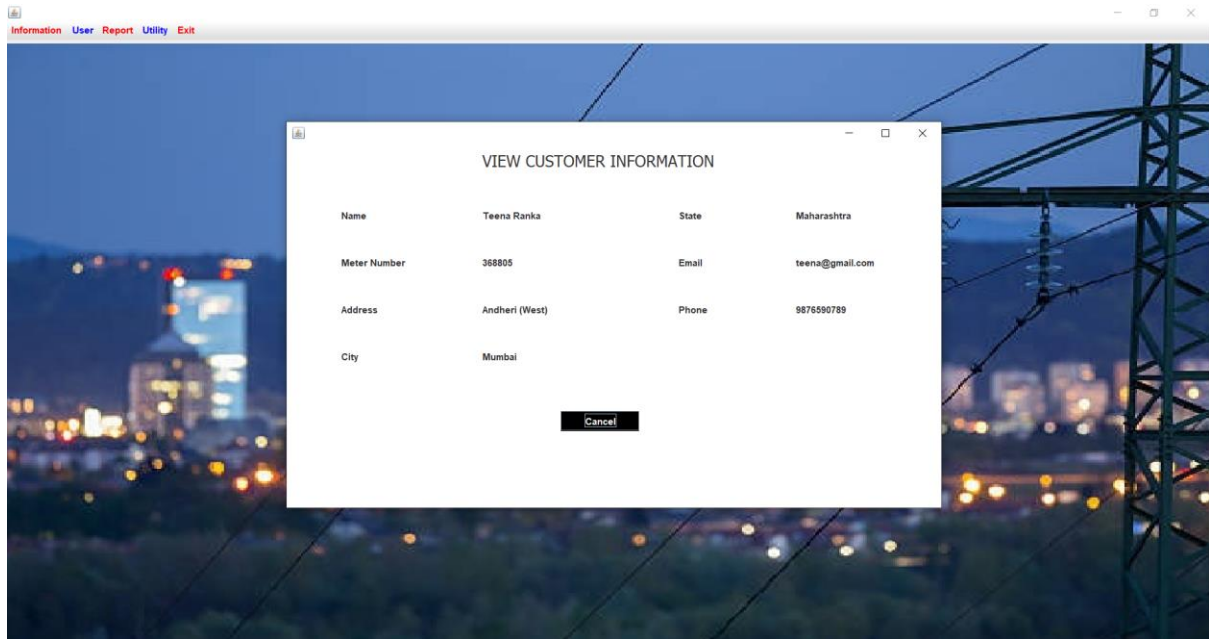




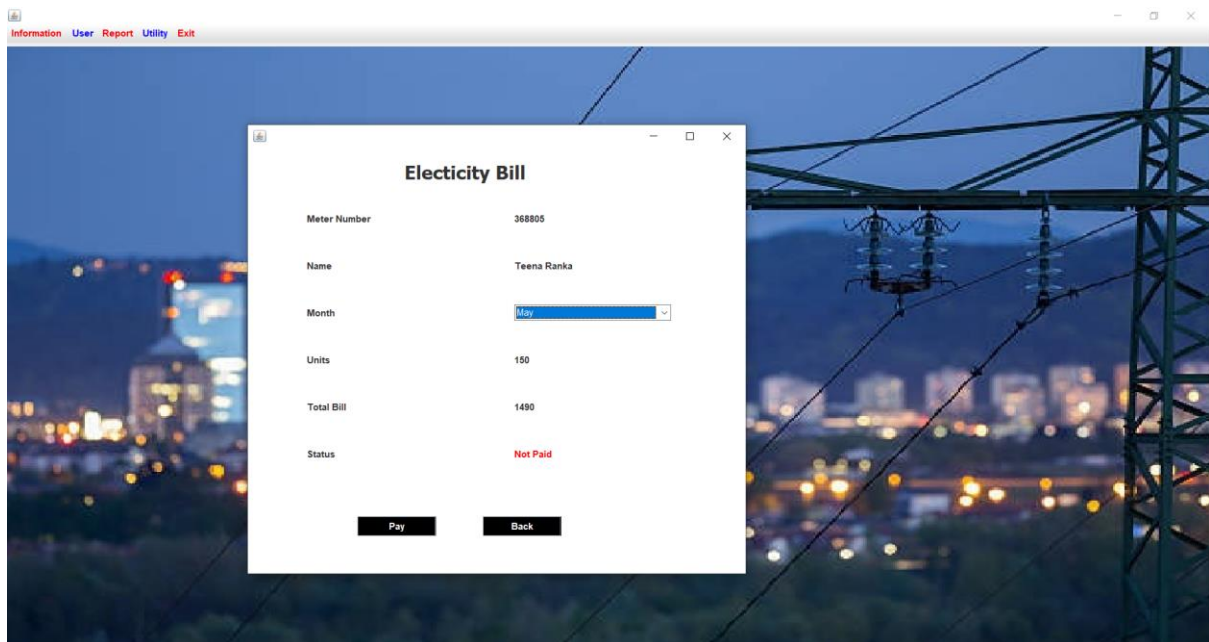
Update Information ->



View Information ->

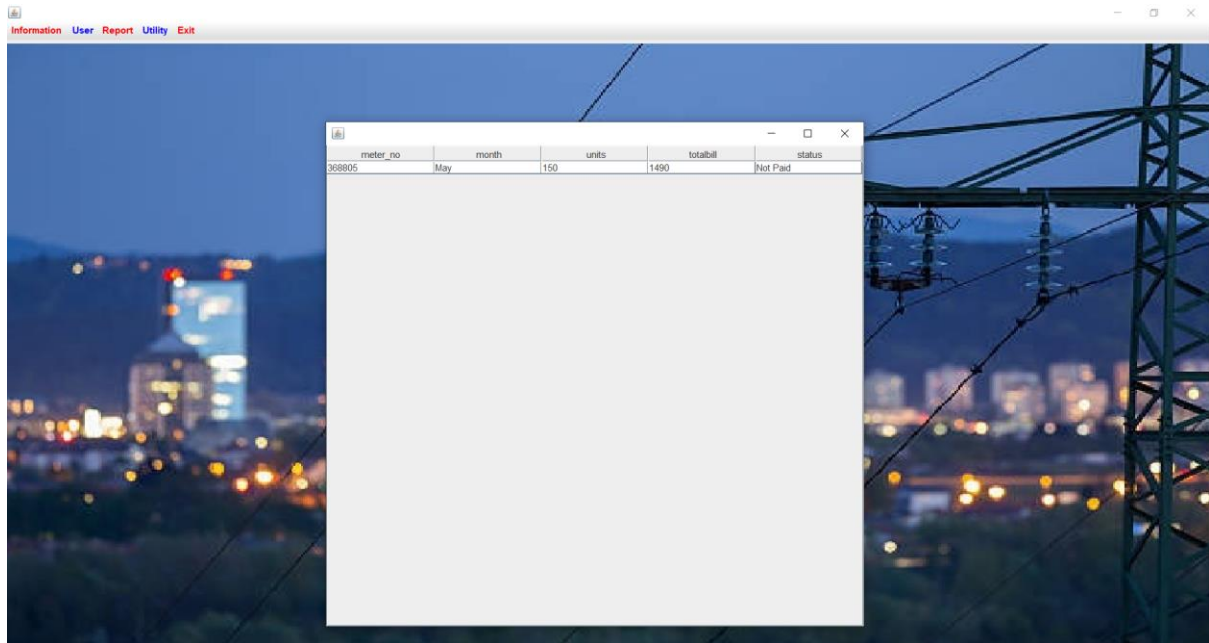


Pay Bill ->

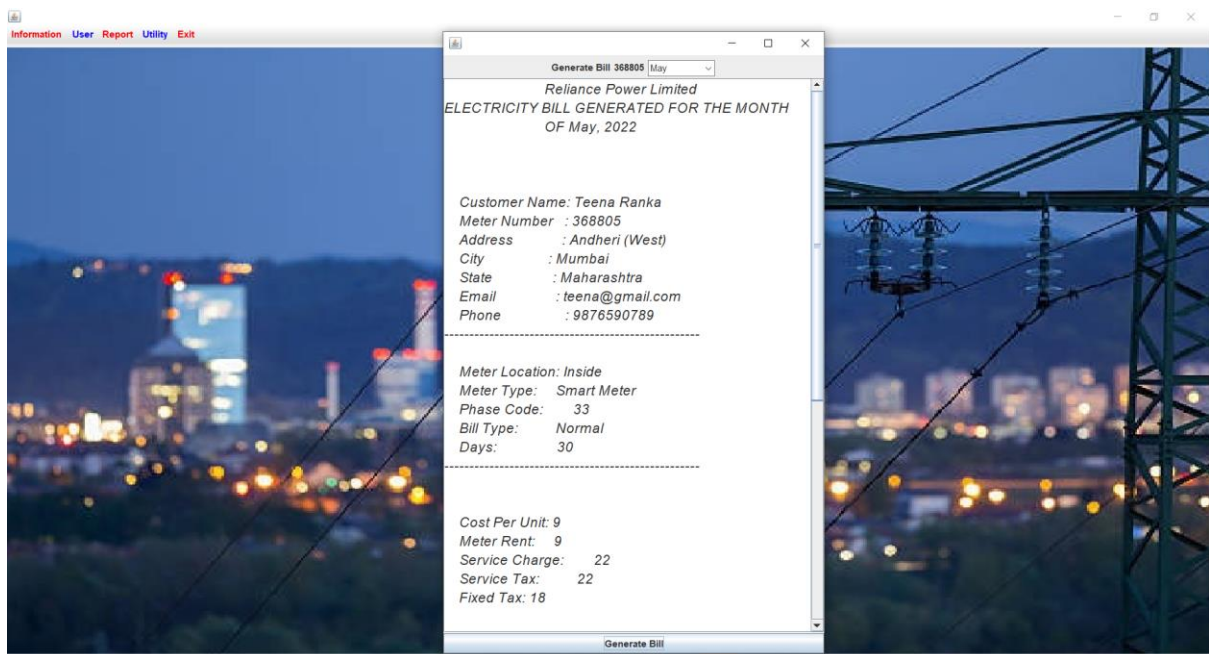


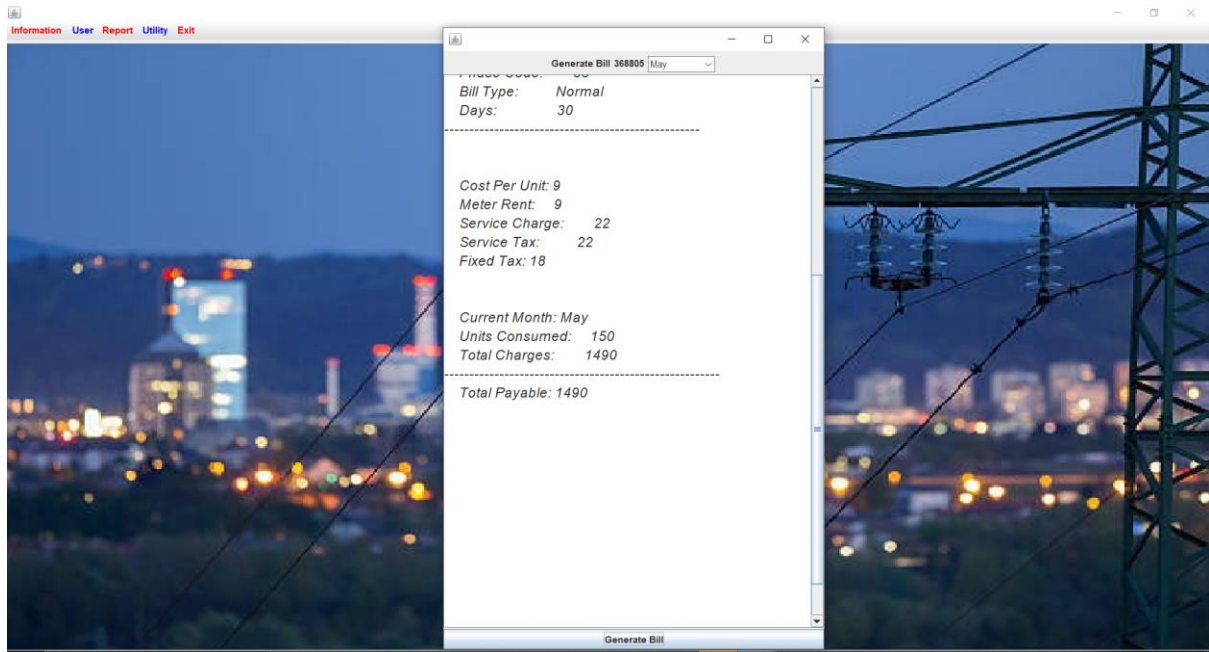
Bill Details ->



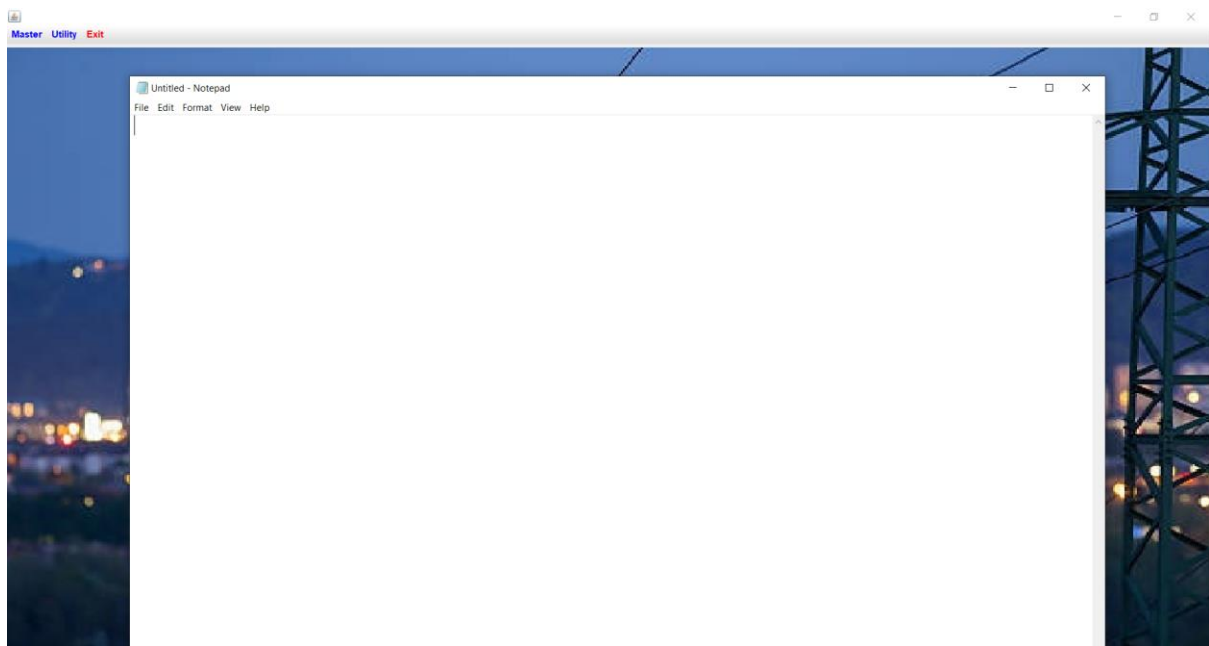


Generate Bill ->

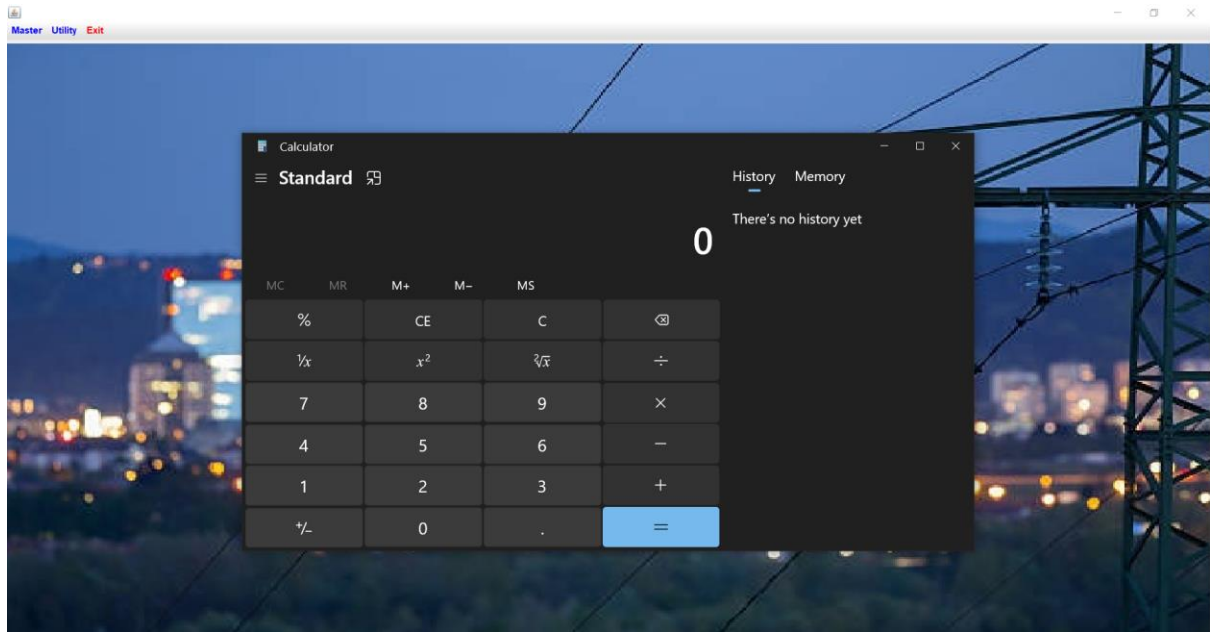




Notepad Features to both the screen (Admin and Customer) ->



Calculator ->



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