Electricity Billing System

Project done by :

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INTRODUCTION :-

THE ELECTRICITY BILLING SYSTEM HAS BEEN DEVELOPED TO OVERRIDE THE PROBLEMS PREVAILING IN THE PRACTICING MANUAL SYSTEM. THIS SOFTWARE IS SUPPORTED TO ELIMINATE AND IN SOME CASES REDUCE THE HARDSHIP FACED BY THIS EXISTING SYSTEM. MOREOVER THIS SYSTEM IS DESIGNED FOR THE PARTICULAR NEED OF THE COMPANY TO CARRY OUT OPERATIONS IN A SMOOTH AND EFFECTIVE MANNER.

THE APPLICATION IS REDUCED AS MUCH AS POSSIBLE TO AVOID ERRORS WHILE ENTERING THE DATA IT ALSO PROVIDES ERROR MESSAGE WHILE ENTERING INVALID DATA. NO FORMAL KNOWLEDGE IS NEEDED FOR THE USER TO USE THIS SYSTEM. THUS BY THIS ALL IT PROVES IT IS USER FRIENDLY . ELECTRICITY BILLING SYSTEM, AS DESCRIBED ABOVE , CAN LEAD TO ERROR FREE, SECURE , RELIABLE AND FAST MANAGEMENT SYSTEM . IT CAN ASSIST THE USER TO CONCENTRATE ON THEIR OTHER ACTIVITIES RATHER TO CONCENTRATE ON THE RECORD KEEPING THUS IT WILL HELPS ORGANISATION IN BETTER UTILISATION OF RESOURCES.

EVERY ORGANISATION , WHETHER BIG OR SMALL HAS CHALLENGES TO OVER COME AND MANAGING THE INFORMATION OF UNIT OF ENERGY , ELECTRICITY , STORE RECORD, CONNECTION, ELECTRICITY BOARD, EVERY ELECTRICITY BILLING SYSTEM .

TECHNOLOGY AND LANGUAGE USE

1.HARDWARE SPECIFICATION :

PROCESSOR	:	INTEL CORE I5
SYSTEM PROCESSOR SPEED	:	1.70GHZ TO 2.40GHZ
RAM	:	4GB
HARD DISK	:	4GB TO 30GB
KEYBOARD	:	104 KEYS

SOFTWARE REQUIREMENTS :-

LANGUAGE	:	JAVA
DATABASE	:	MYSQL
OPERATING SYSTEM	:	WINDOWS 8/10

SCOPE OF WORK :-

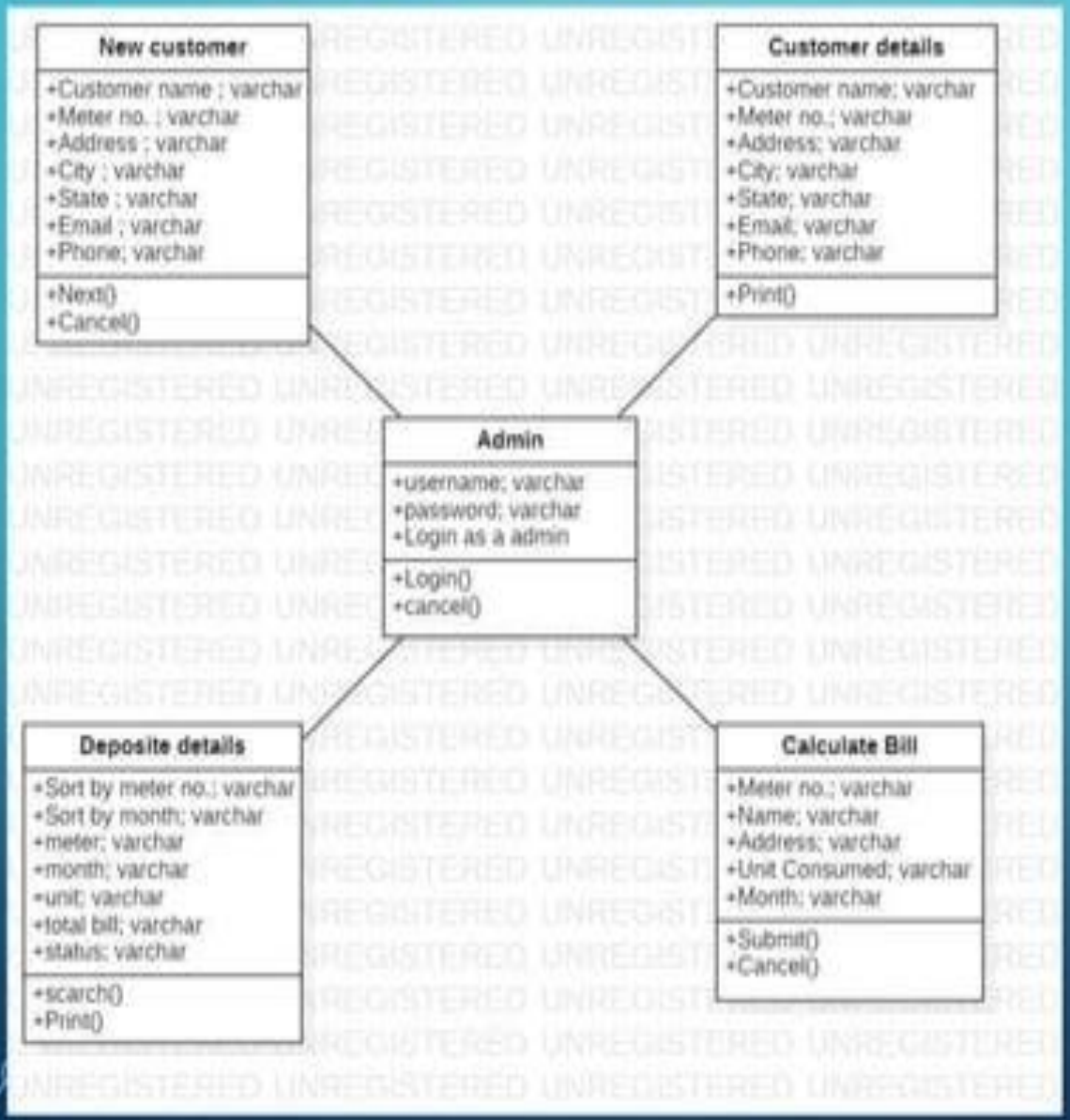
OUR PROJECT AIMS AT BUSINESS PROCESS AUTOMATION, I.E. WE HAVE TRIED TO COMPUTERIZE VARIOUS PROCESSES OF ELECTRICITY BILLING SYSTEM. IN THE SECTOR OF ELECTRICITY BOARD WE HAVE COMPUTERIZES THEIR DEPARTMENT AND STOCK MAINTENANCE.

SCOPE OF ANY SOFTWARE DEPENDS UPON THE FOLLOWING THINGS:

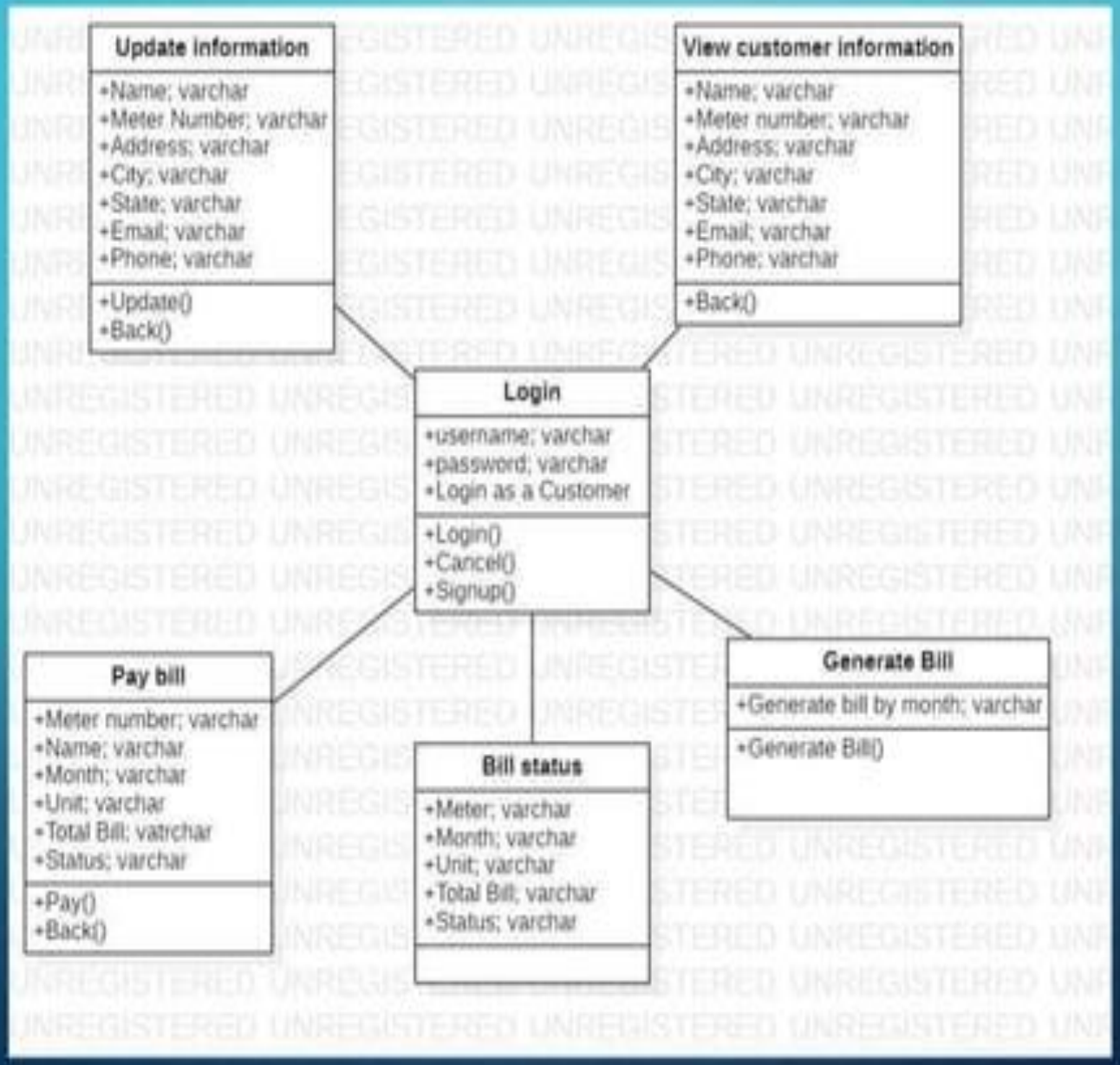
1. IT SATISFY THE USER REQUIREMENT
2. BE EASY TO UNDERSTAND BY THE USER AND OPERATOR
3. BE EASY TO OPERATE
4. HAVE A GOOD USER INTERFACE
5. BE EXPANDABLE
6. DELIVERED ON SCHEDULE WITHIN THE BUDGET.

WE HAVE TRIED TO MAKE SUCH TYPE OF SOFTWARE, WHICH SATISFY THE ABOVE GIVEN REQUIREMENT.

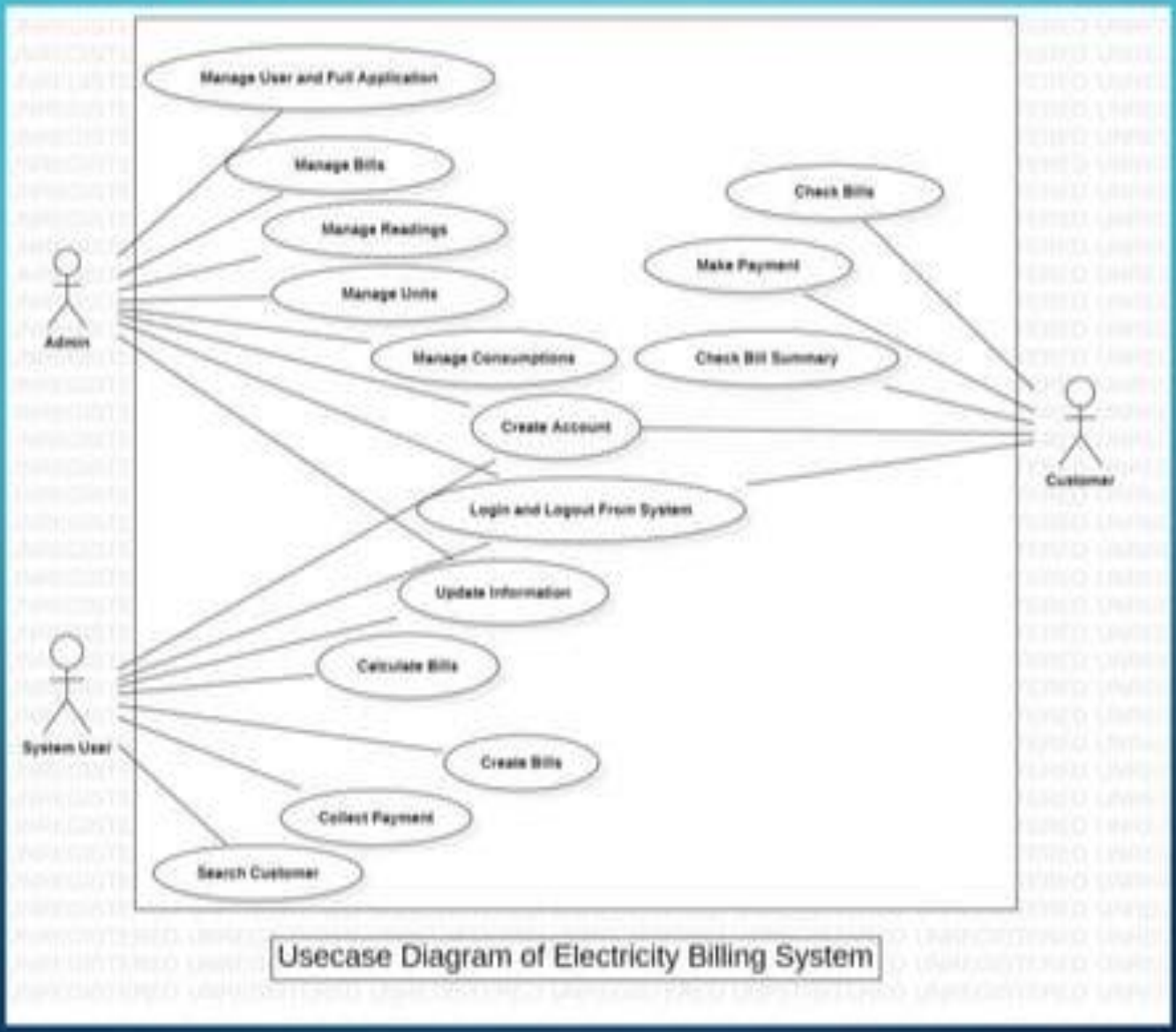
ADMIN CLASS DIAGRAM



CUSTOMER CLASS DIAGRAM

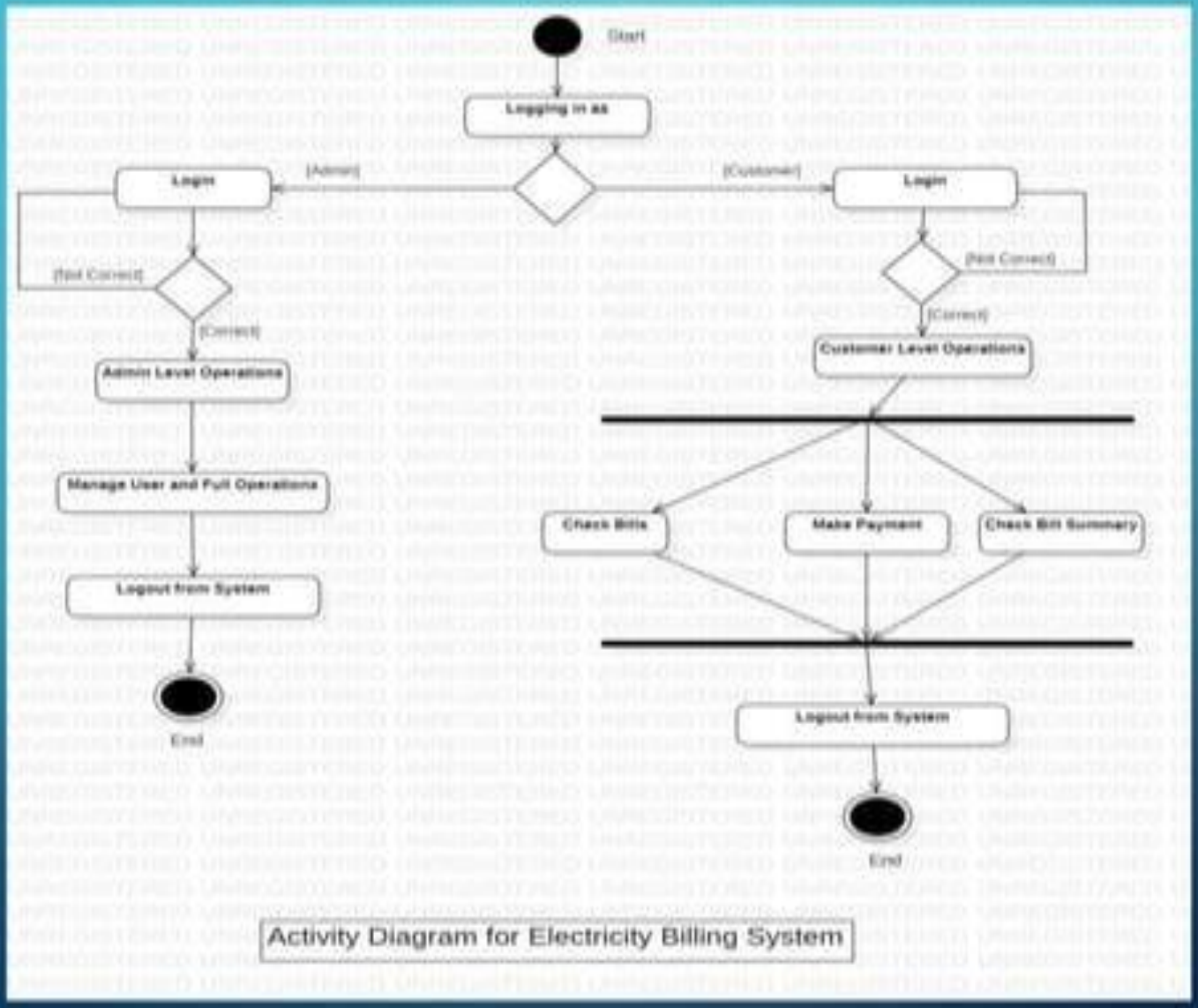


USECASE DIAGRAM



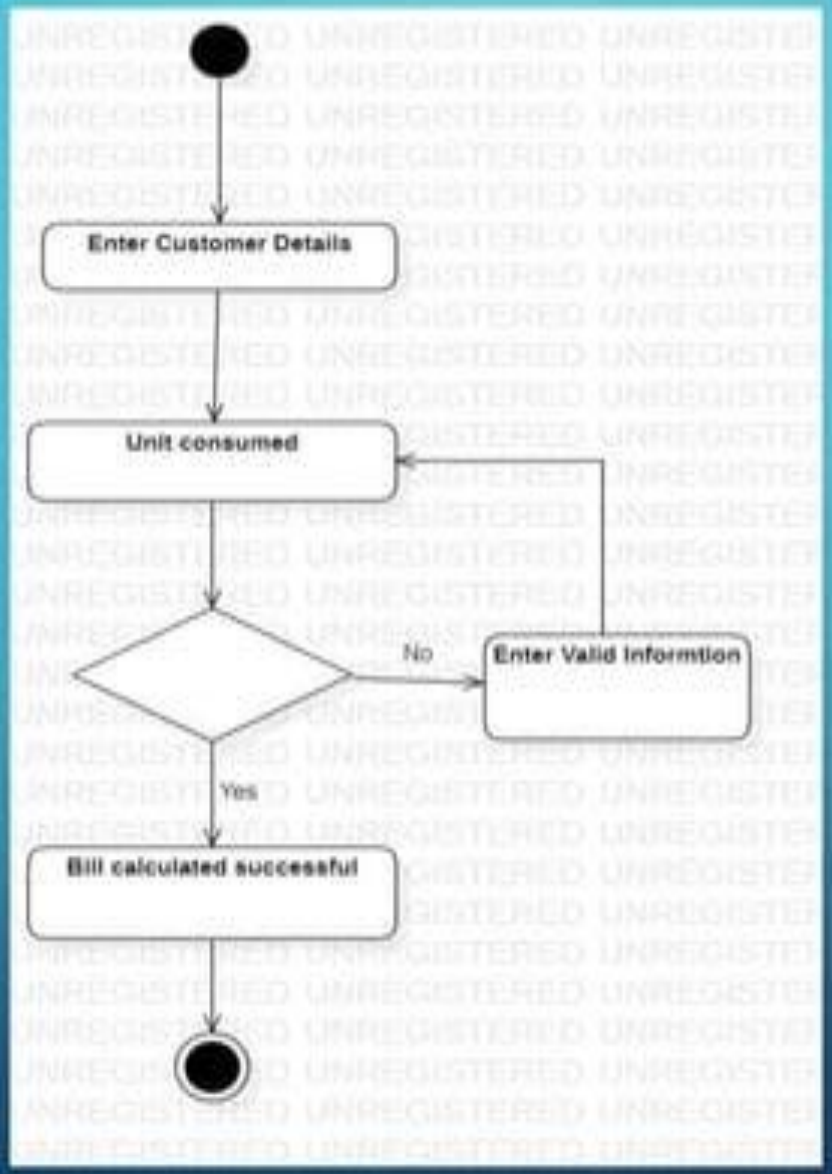
Usecase Diagram of Electricity Billing System

ACTIVITY DIAGRAM

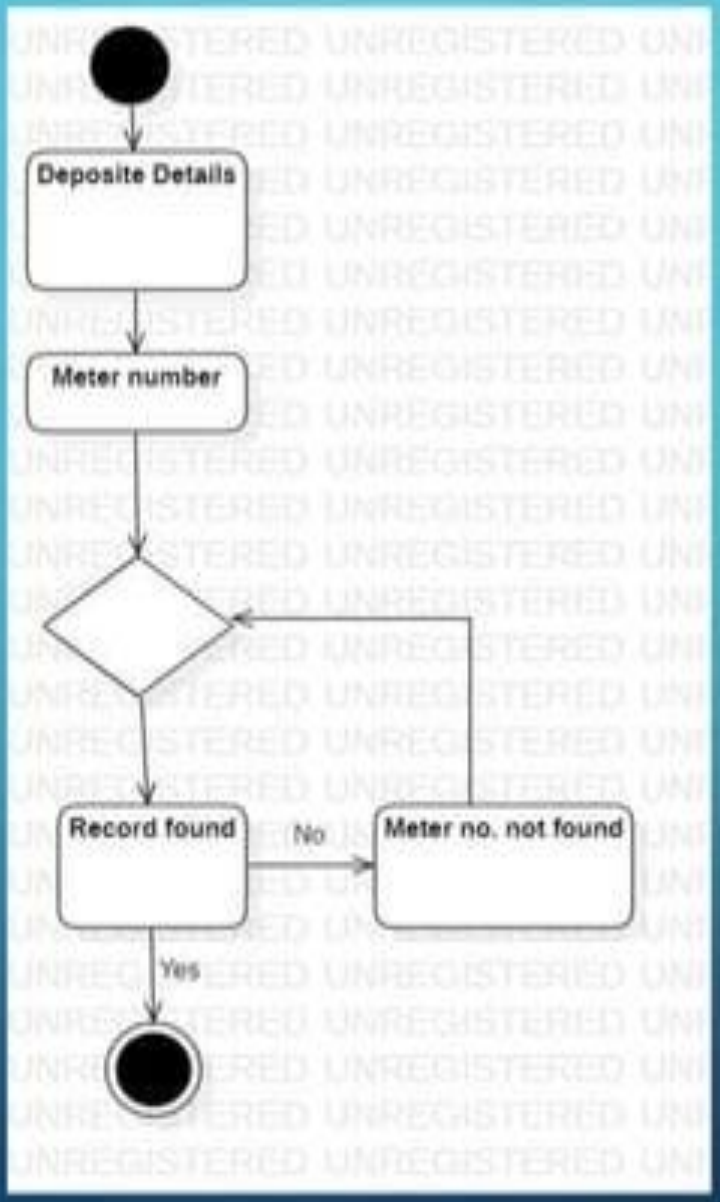


Activity Diagram for Electricity Billing System

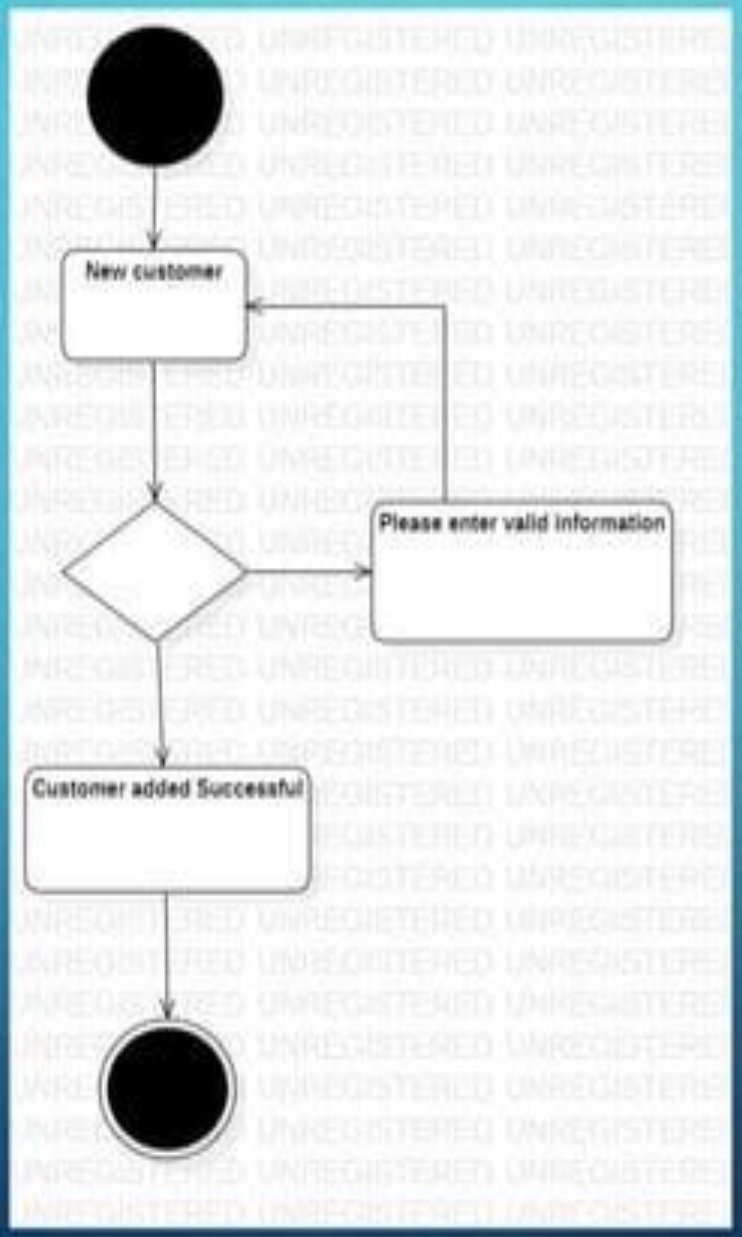
CUSTOMER DETAILS ACTIVITY DIAGRAM



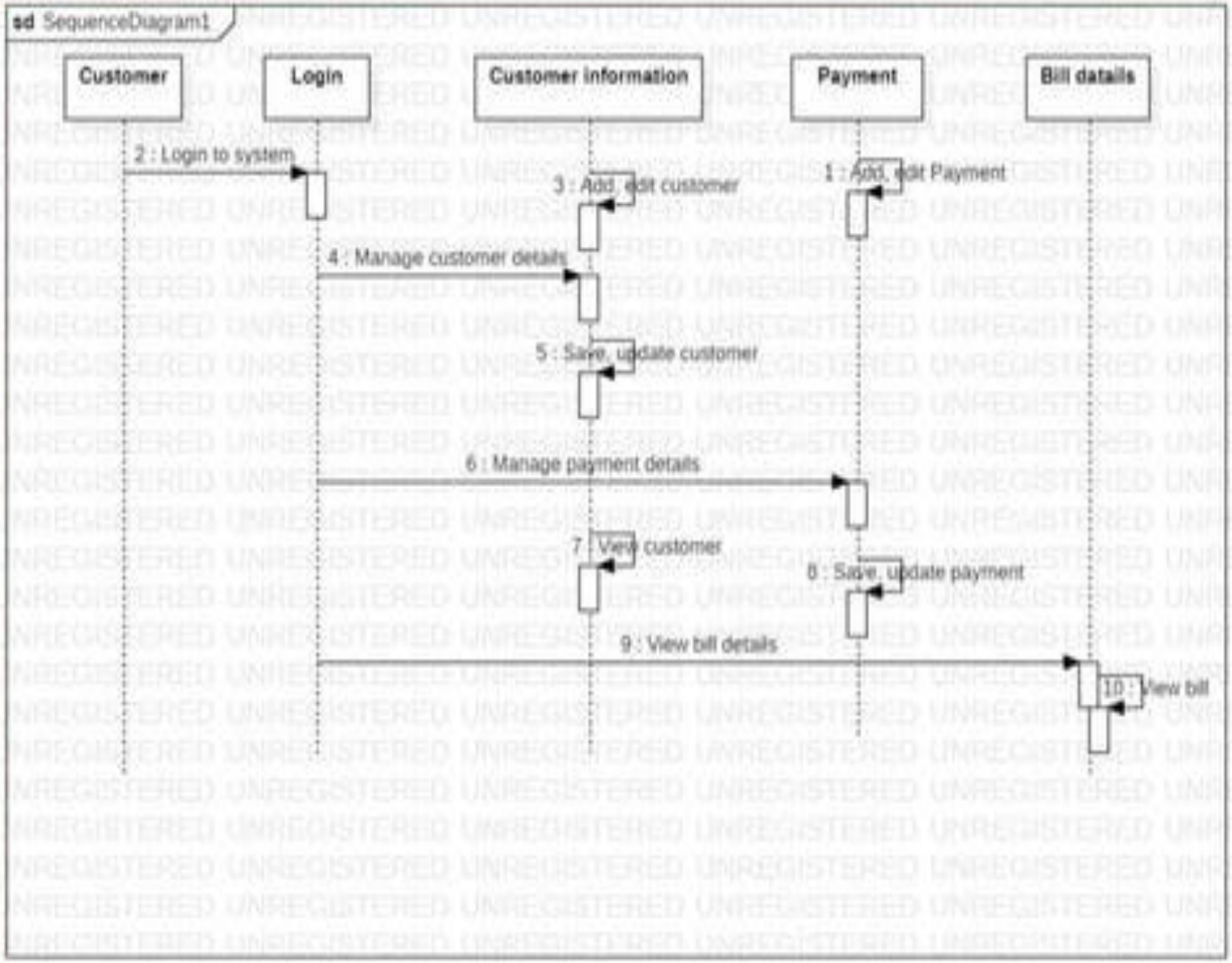
DEPOSITE DETAILS ACTIVITY DIAGRAM



ADD NEW CUSTOMER ACTIVITY DIAGRAM



CUSTOMER SEQUANCE DIAGRAM



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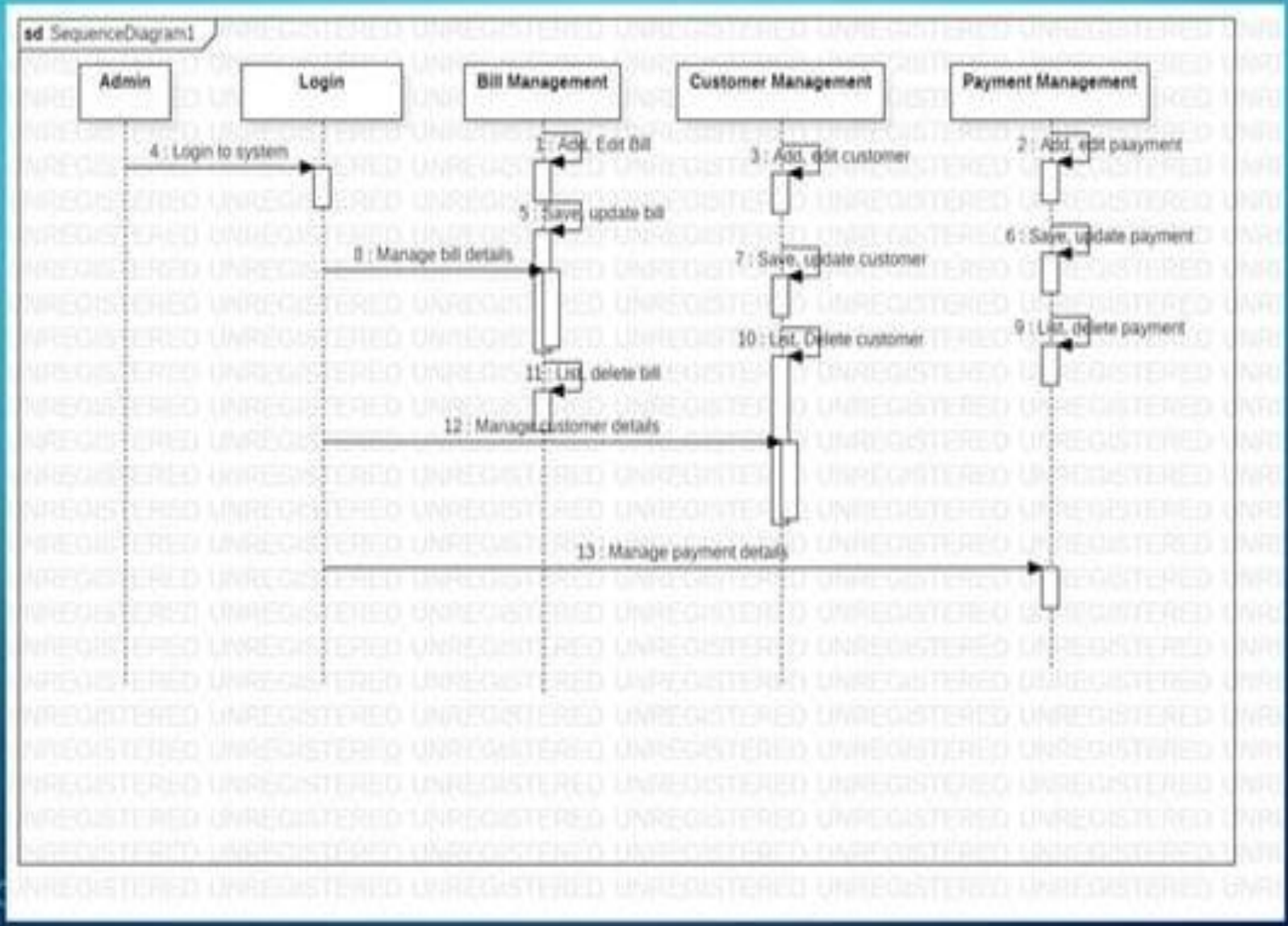


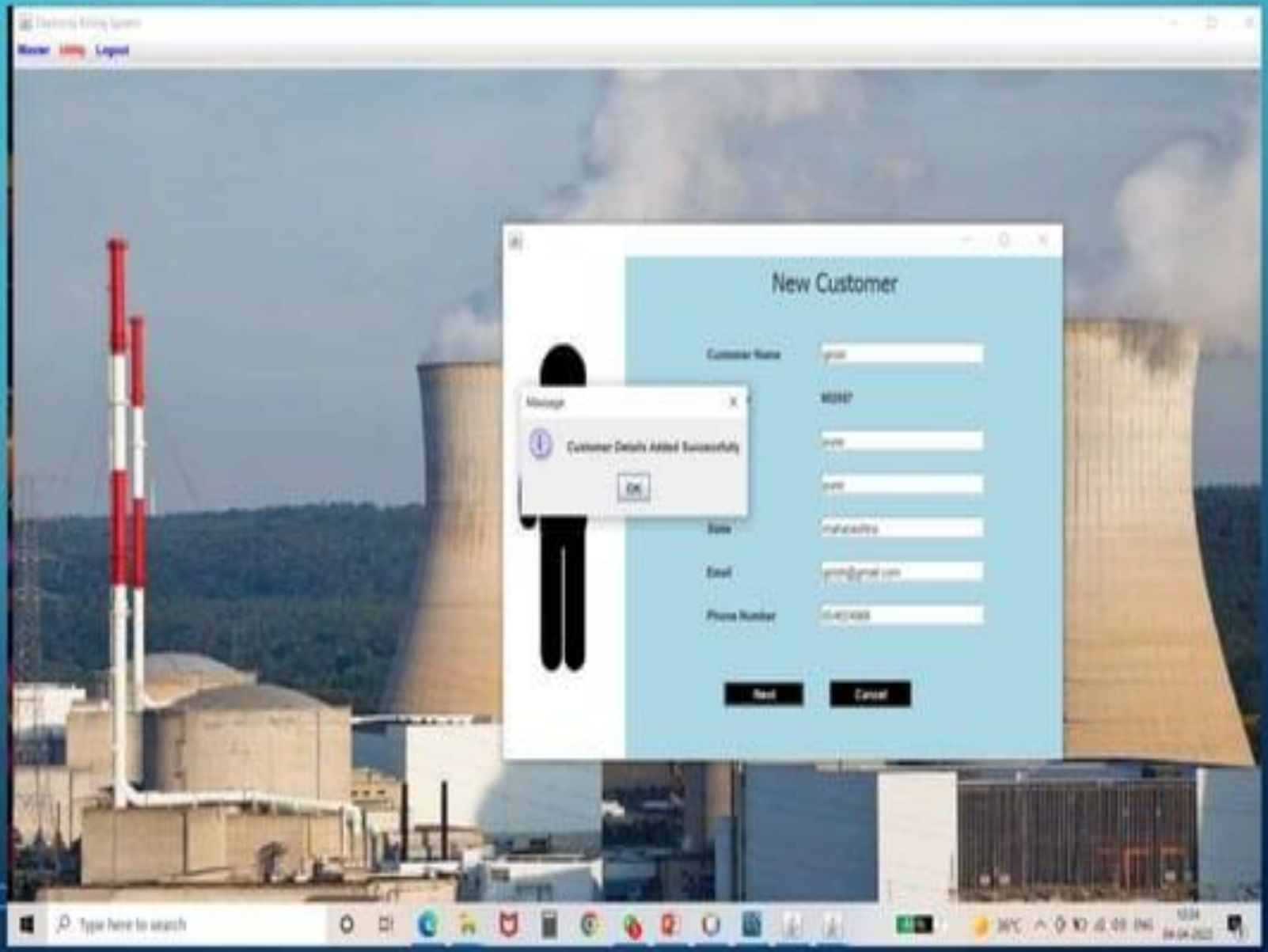
WELCOME SCREEN

ADMIN LOGIN PAGE

ADMIN HOME SCREEN

ADD NEW CUSTOMER

ADD CUSTOMER SUCCESSFUL



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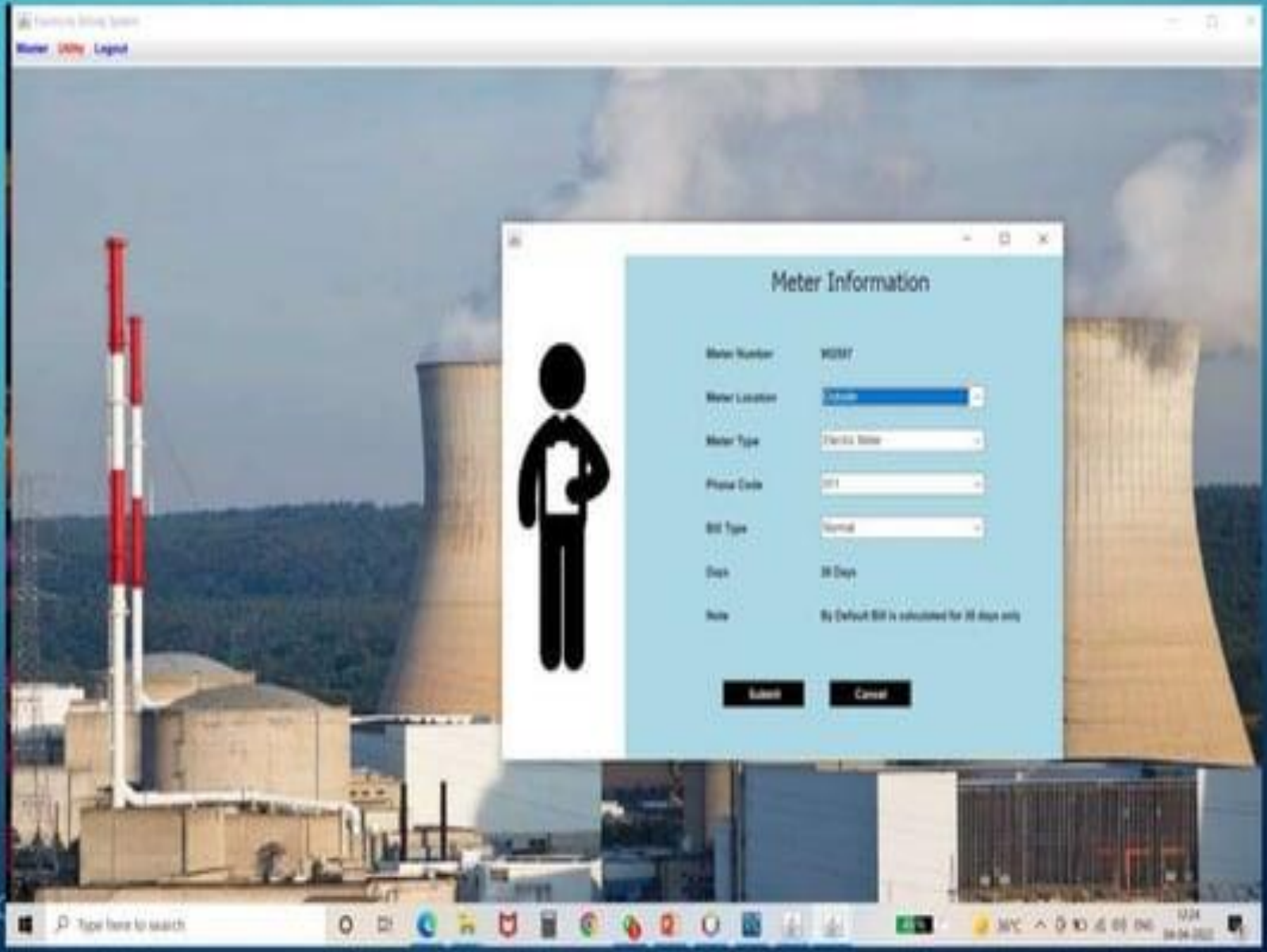
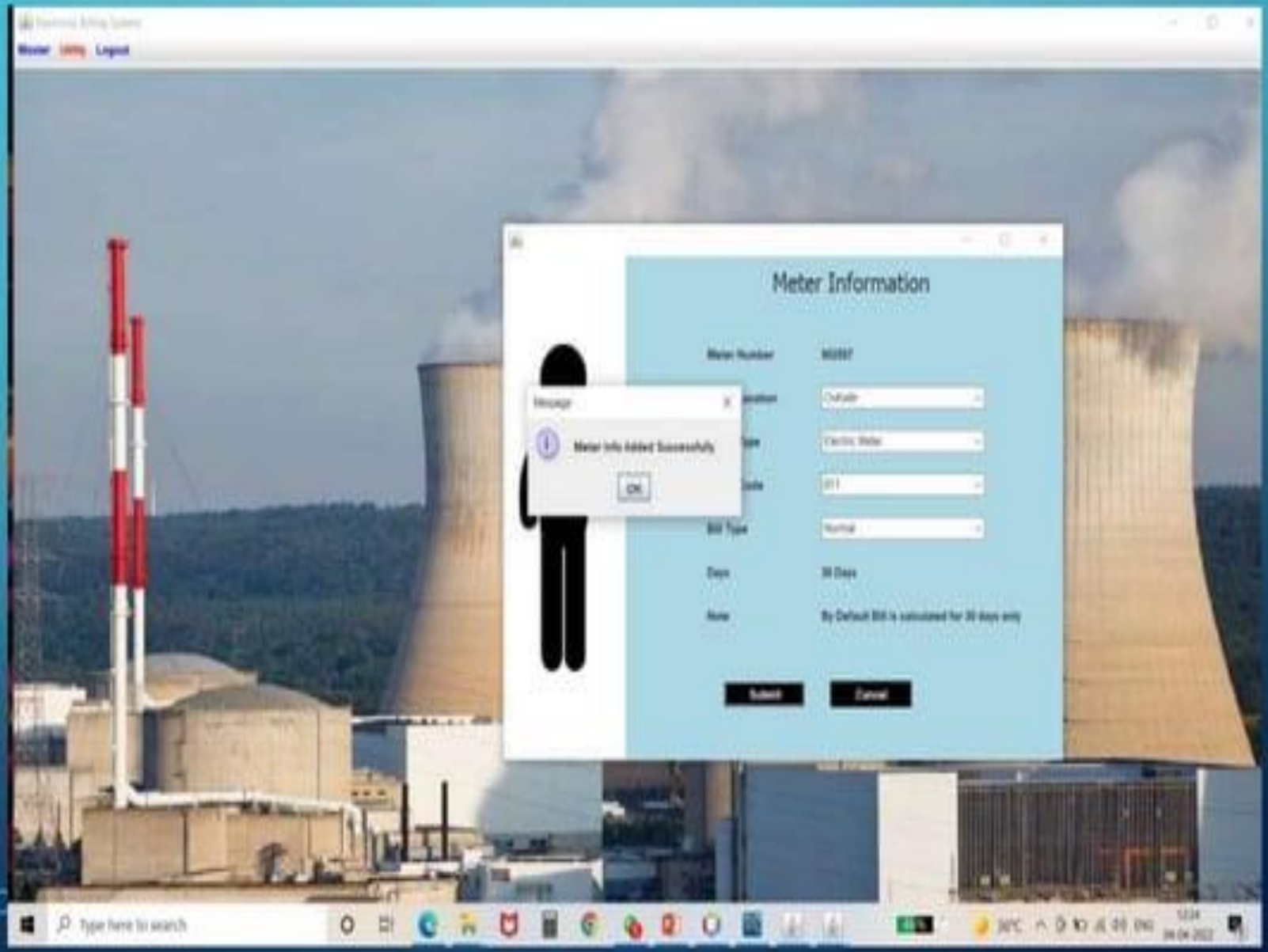
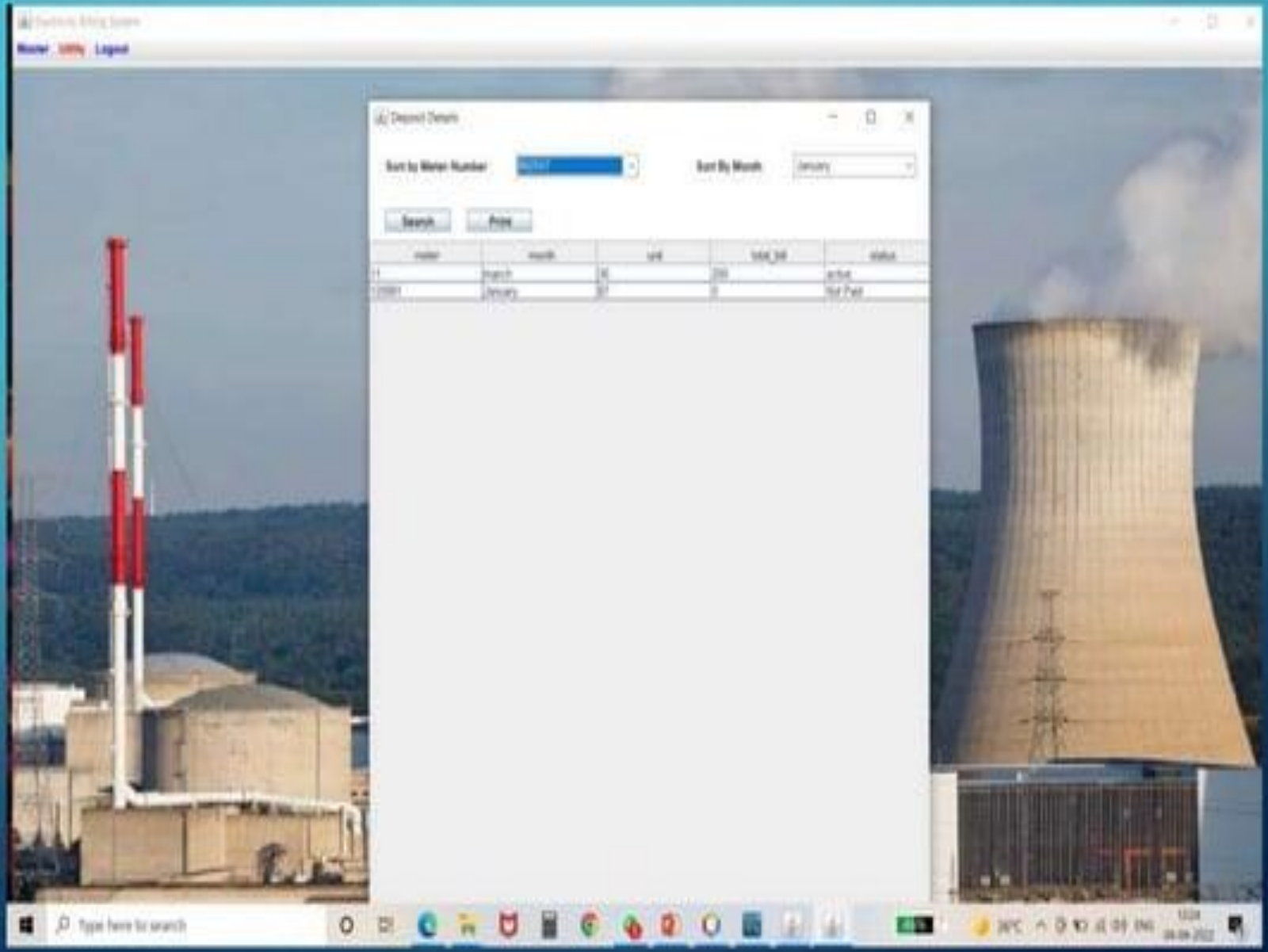


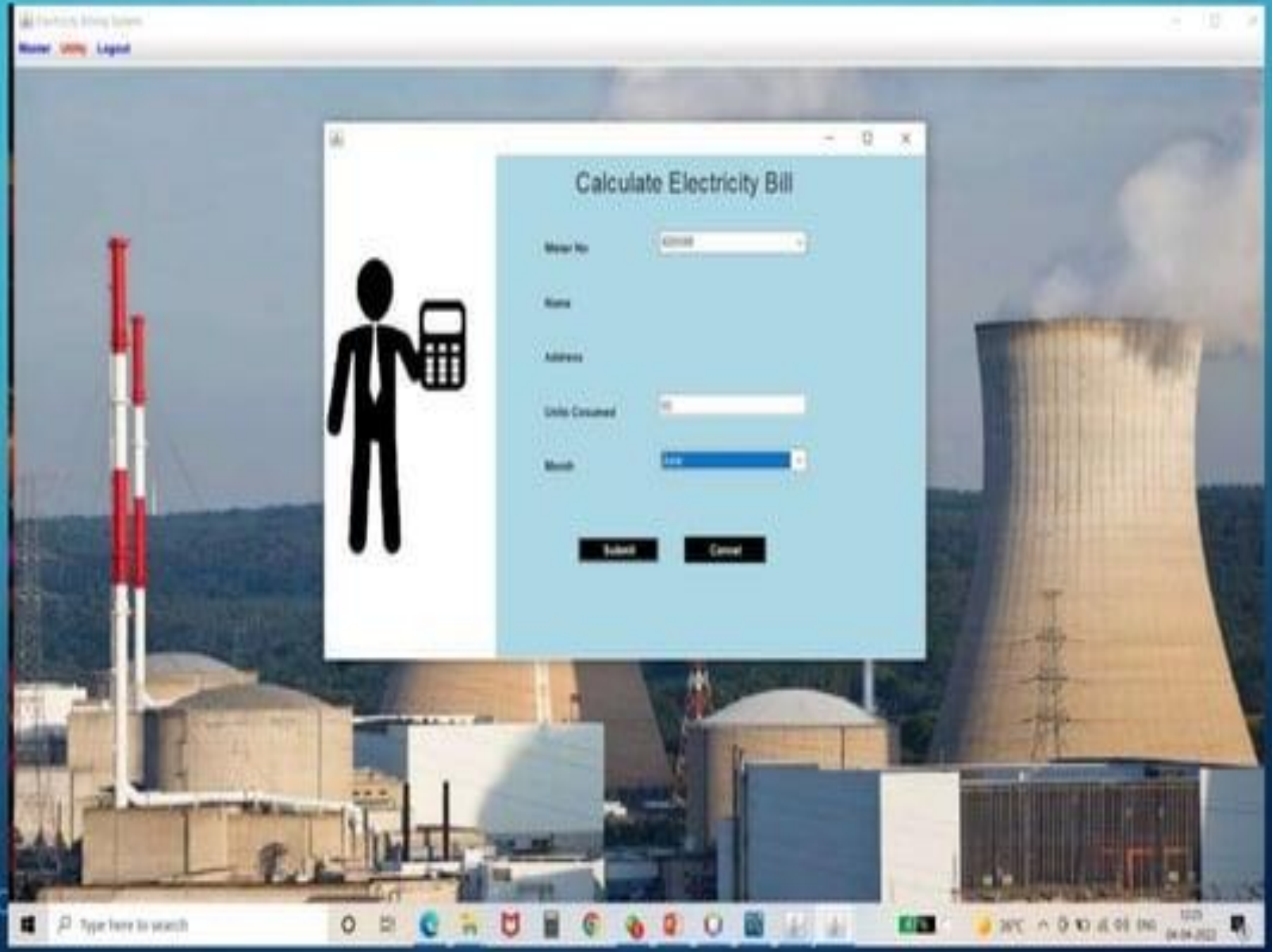
METER INFORMATION ADD SUCCESSFUL



DEPOSITE DETAILS



CALCULATE BILL



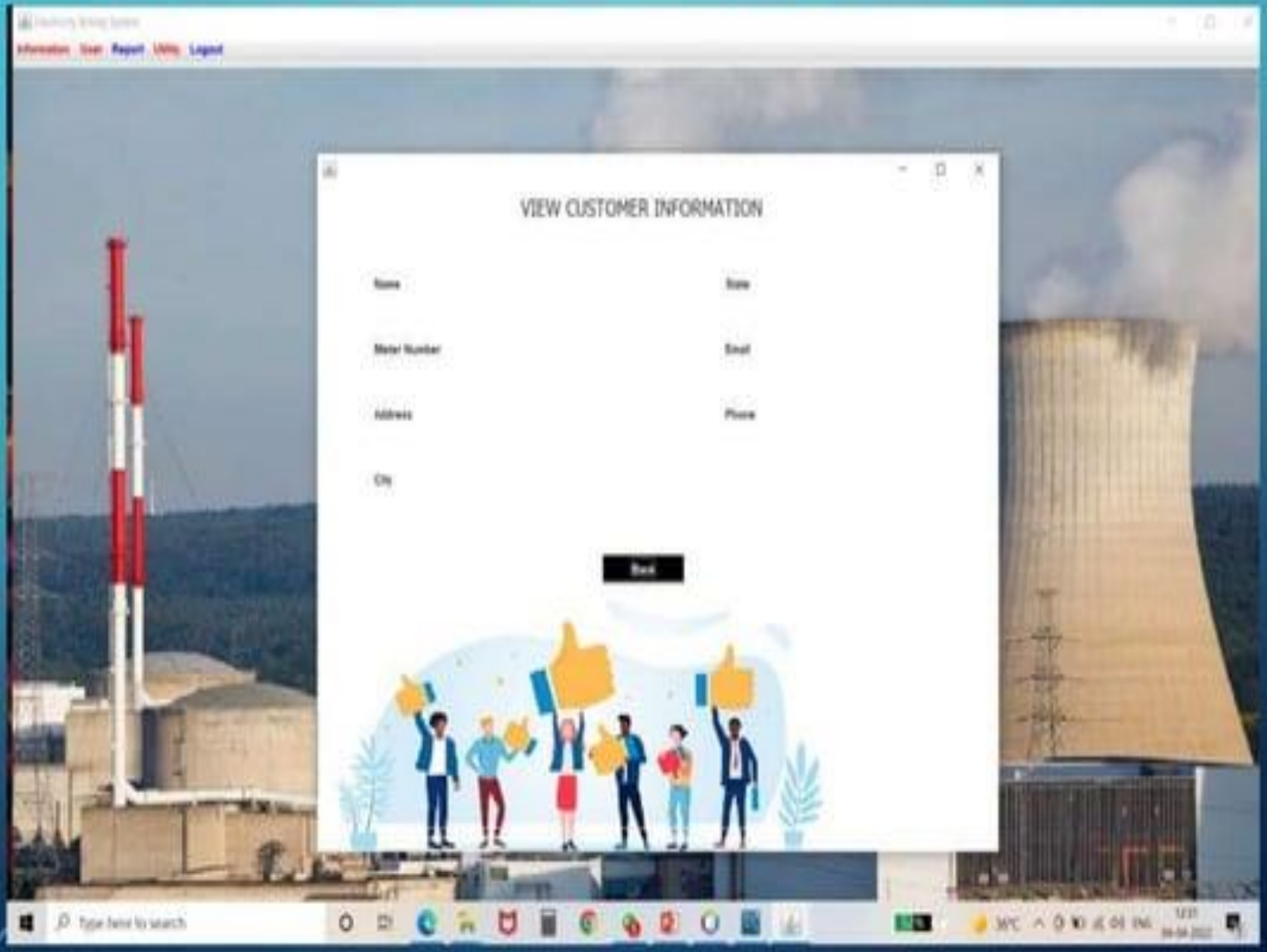
CUSTOMER ELECTRICITY BILL UPDATE SUCCESSFUL

CUSTOMER LOGIN

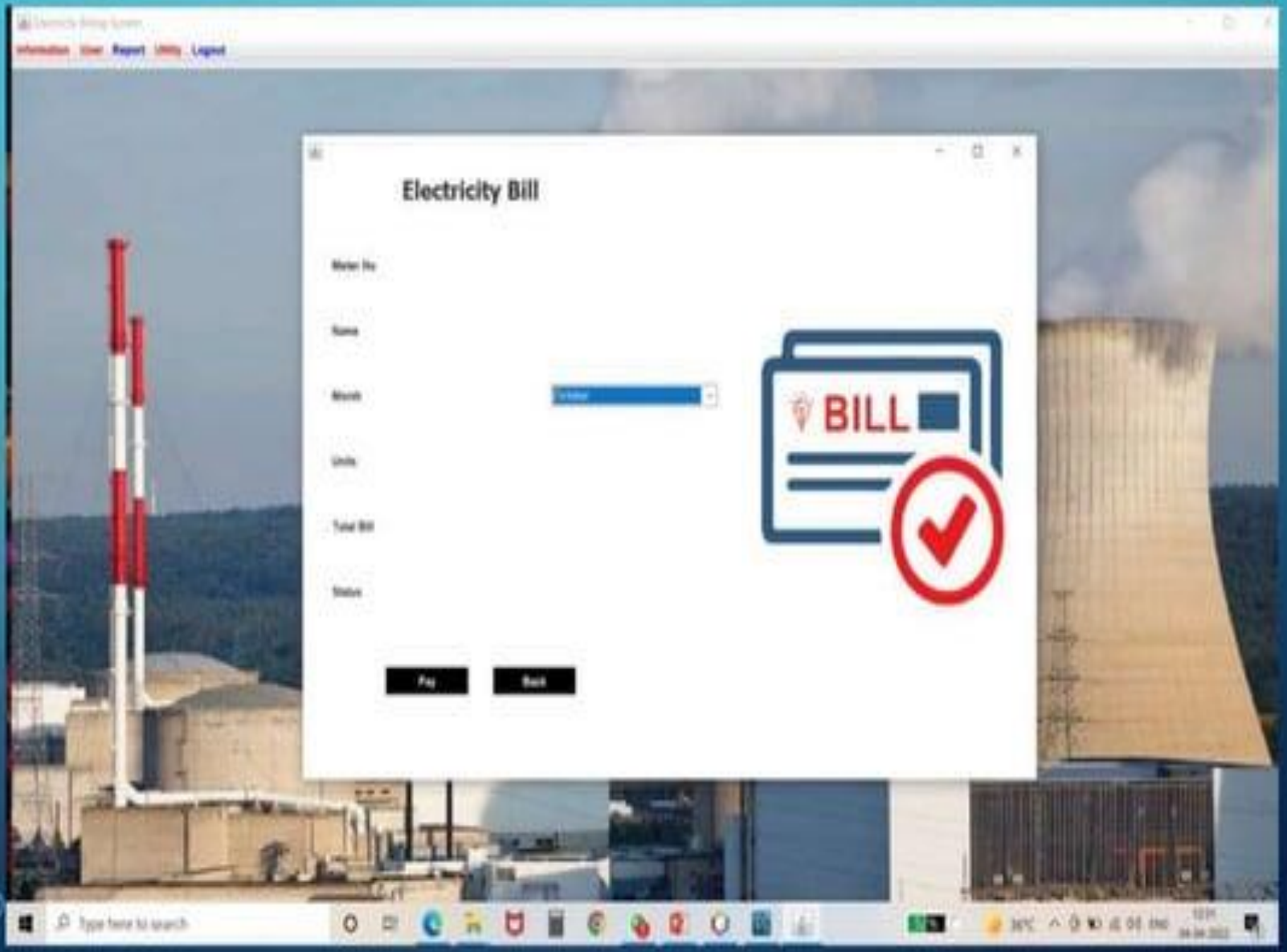
CUSTOMER HOME PAGE

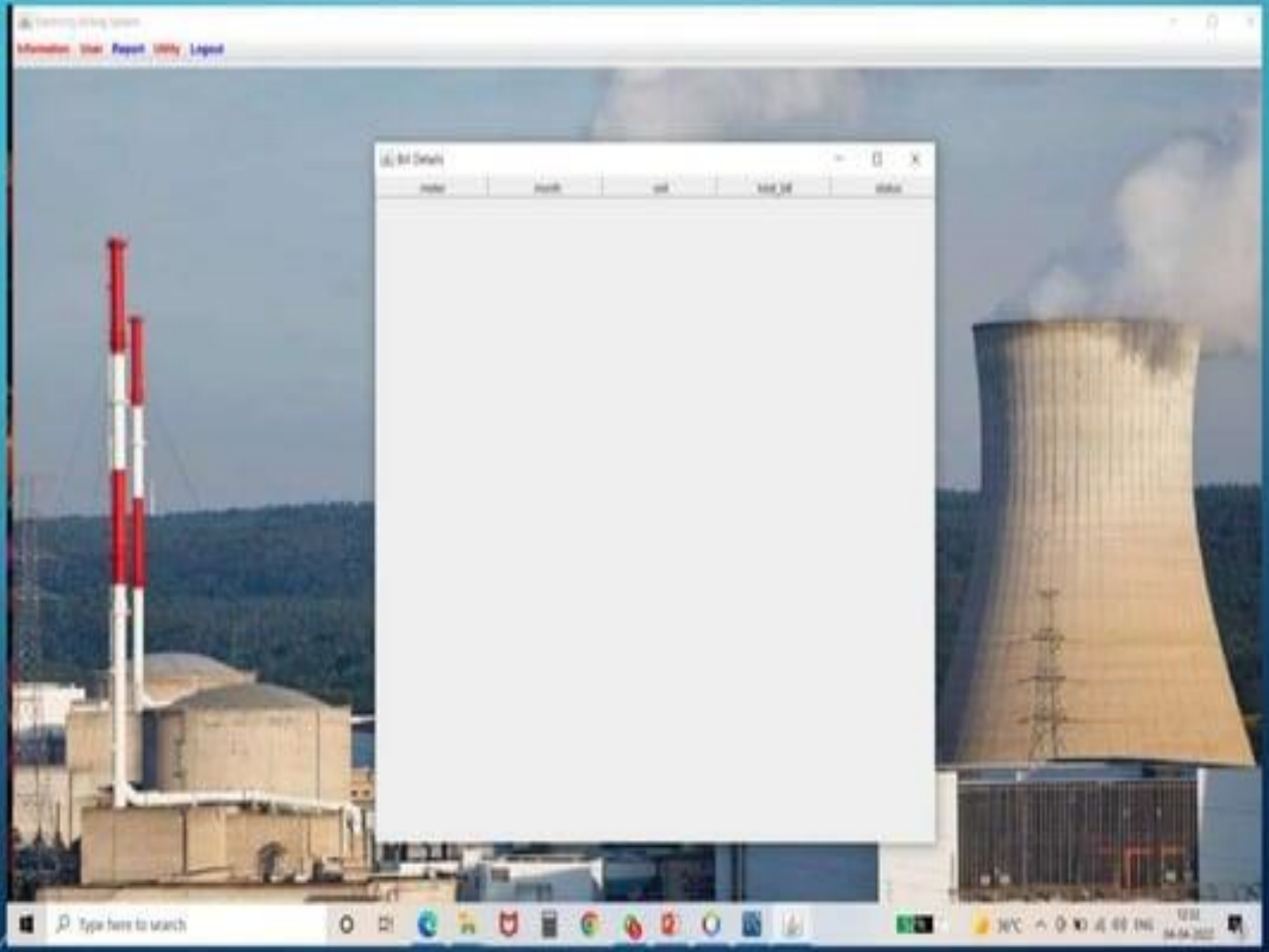
UPDATE CUSTOMER INFORMATION

VIEW CUSTOMER INFORMATION

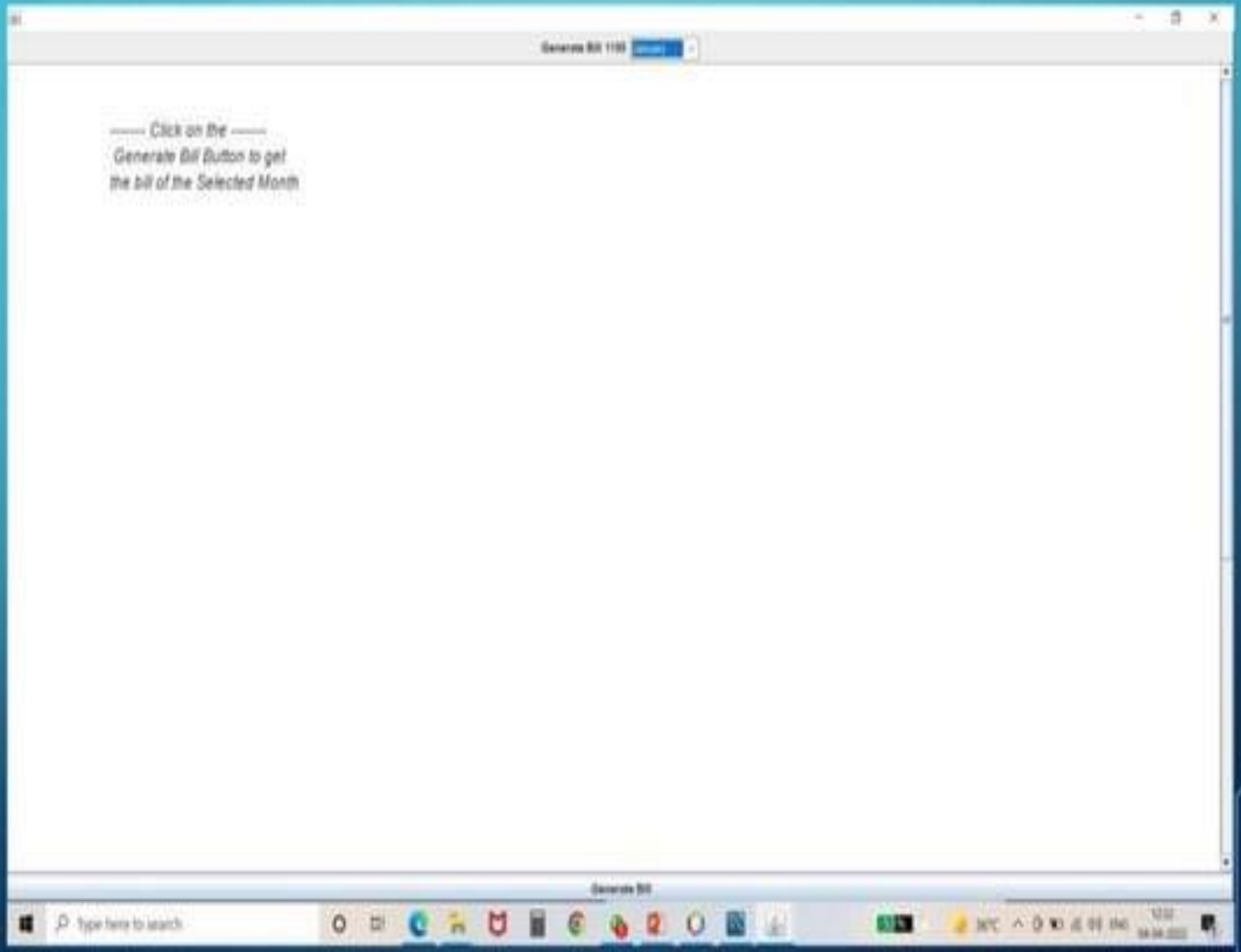


PAY ELECTRICITY BILL




Information User Report Utility Logout
Bill Details
meter
month
unit
total_bill
status
Type here to search

GENERATE BILL



THANK YOU…