

# Mini Project Synopsis

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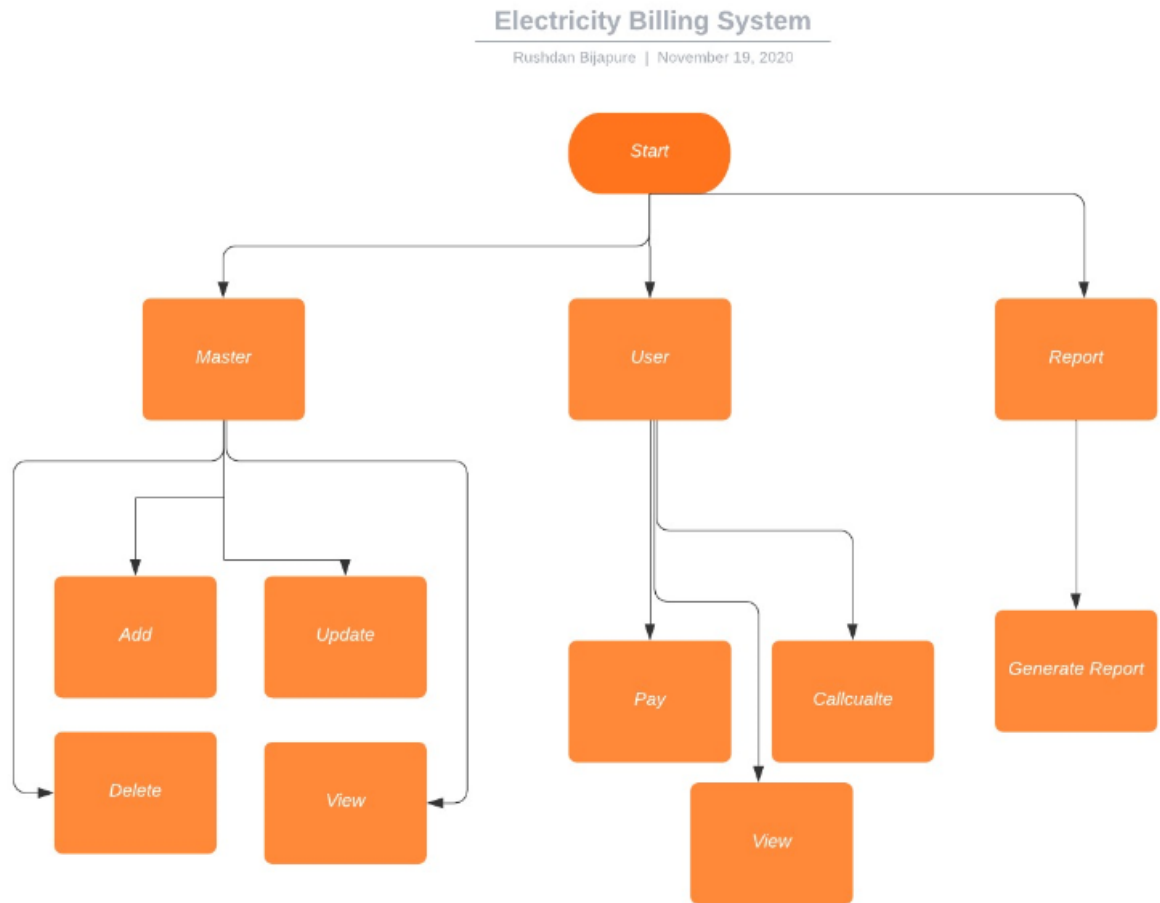
## 1. Electricity Billing System

### 2. Project Overview / Background:

- Introduction:  
This system is named as Electricity Billing System. This system is made to keep the records about the bills of the customers. The admin can manage all the accounts and the registered users like employees can only manage the accounts. This system helps in maintaining the bills and the payments.
- Need of Work / Reason for selection of this project:  
I have personally selected this project because I believe that this system contains all the practical implementation of what I have learned in java throughout this semester .
- Objectives:
  - To be able to add and modify users
  - Successfully calculate electricity bills
  - Generate bills
- Problem Statement (explain what you want to implement in this project in short sentence):  
In this system the employee or the admin will be able to add , update and delete users. More over the users can also be charged and the employee should also be able to generate bills. This project will also include a dummy payment module.
- Benefits to the surrounding/society:  
This project can be helpful in understanding of java as a programming language and also such systems with a little help of UI/UX can also be implemented in commercial sectors

### 3. Methodology:

- Project Flowchart:



- Advantages:
  - Easy to use
  - Good performance
  - Dynamic system
  - Can be used in a live environment
- Limitations:
  - Poor UI

### 4. Project requirements:

- Equipment's (include software, hardware):
  - Laptop-windows OS
  - Software-java jdk 14,15 ; PostgreSQL database service

## **5. References:**

Stack Overflow-used for clearing doubts

And various websites that have helped to pick up this particular topic

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