

Easy Electricity Billing System

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Abstract: *Due to various issues, electricity users frequently deal with the issue of inaccurate and delayed monthly billing. For these reasons, having an effective system via an electronic platform that takes proximity into account is crucial. The laborious and time-consuming process of visiting the Electricity Board to pay an electricity bill is automated by the suggested method. For user convenience, it is also intended to automate the computation and payment of electricity bills. Java Swings, a foundational programming language for creating websites, online apps, and web services, is utilized in the development of the system. Back-end databases are also created using the Microsoft Structured Query Language (SQL) server. The administrator and user logins would be the two logins available on the system.*

The administrator can upload the customer's details regarding the energy units they consumed this month to their account and check the user's account data. Data about electricity usage must be entered into each user's account by the administrator. Next, each user's electricity cost is computed by the system, which then updates the data in their account each month. Once viewed, users can pay their electricity bill before the end of the month.

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