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**LEIANE APARTMENT INFORMATION RESIDENTS’ MANAGEMENT SYSTEM**

**An IT Project and Research I presented to the College of Information and Communication Technology**

**In Partial Fulfilment**

**of the Requirement for the subject**

**IT ELECTIVE 1: OBJECT ORIENTED PROGRAMMING**

**Presented to:**

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**LEIANE APARTMENT INFORMATION RESIDENTS’ MANAGEMENT SYSTEM**

**System Objectives:**

* To be able to create a system that can store and manage information of the residence.
* To be able to create a system that can automate information resident’s process.
* To be able to create a system that can monitor the bills of residents and provide date of bills.
* To be able to create a system that can automate calculate the bills for overall bills payment.
* To be able to create a system that can automated generate payment environment.
* To be able to create a system that can monitor due date of the bills and provide alert due date.

**Company Problem:**

* Leiane Apartment currently relies on a logbook to store their resident’s information, which can be misplaced easily.
* Due to the lack of storing information system in Leiane Apartment, storing information of the residents is done manually which can be prone to errors.
* Due to the residents’ settings, apartment complex, keeping track of bills such as electricity, water, and land bills can be a troublesome along the dates.
* Having many residents’ bills, it’s hard to calculate all of bills simultaneously. Which can lead to miscalculated bills.
* Due to absence of owner, residents can’t pay bills in an exact time.
* Having a limited manpower, Leiane Apartment is experiencing difficulties in navigating and tracking the bills and its due dates.

**Proposed Features:**

* Residents Information Management System
* Information Residential Process
* Bills Monitoring and Due Date Notification
* Automated Overall Bills Calculation
* Payment Environment Generated
* Due Date Monitoring Alert

**FLOW OF THE STUDY**

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| --- | --- | --- |
| **INPUT** | **PROCESS** | **OUTPUT** |
| * Add Information Residents * Create Information Residents Table * Create Bills and Dates * Set Bills * Set Bills Overall * Add Due Date | * Storing Residents Information * Updating Information Residents Table * Monitor Bills and Dates * Generating Overall Bills * Generating Payment Environment * Monitor Due Date | * Display Residents Information * Display Information Residents Table * Provide Bills and Dates * Display / Print Overall Bills * Display Payment Environment * Provide Due Date Alert |