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**South East Asian Institute of Technology, Inc. National Highway, Crossing Rubber, Tupi South Cotabato**

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**INTERNET CAFE 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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**INTERNET CAFE SYSTEM**

**System Objectives:**

* Efficient user and computer management.
* Seamless session tracking and management.
* Reliable billing and payment processing.
* Robust security and monitoring measures.
* Enhanced customer experience and satisfaction.

**Company Problem:**

•Inadequate resource allocation, leading to customer dissatisfaction and potential revenue loss.

•Difficulty in accurately tracking usage and billing, impacting the cafe's profitability.

•Vulnerabilities in the system pose risks to customer privacy and data security.

•Frequent technical failures disrupt operations and decrease customer satisfaction.

•Challenges in adhering to legal and regulatory requirements, risking penalties and damage to the company's reputation.

**Proposed Features:**

•User management & session tracking.

•Computer reservation & status updates.

•Seamless billing & payment integration.

•Enhanced security & remote control.

•Real-time monitoring & reporting.

**FLOW OF THE STUDY**

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| **INPUT** | **PROCESS** | **OUTPUT** |
| •User requirements gathering  •Industry analysis  •System design inputs  •Technical specifications  •Budget and resource allocation | •System design and development  •Testing and quality assurance  •Training and implementation  •Monitoring and optimization  •Security and compliance management | •Implemented system  •Training materials  •Quality assurance reports  •Performance metrics  •Compliance documentation |