

Movie Rental System

A Movie Rental System focuses on solving the problems caused by running a movie rental shop entirely by hand. As the movie rental industry becomes more competitive, the system traditional manual process using handwritten records, paper forms, and manual tracking can no longer keep up. Tasks such as registering customers, recording rentals and returns, and generating reports have become slow, disorganized, and prone to errors, affecting both customer service and the shop's overall efficiency.

The main issue highlighted in the study is the system dependence on manual operations. This results in frequent mistakes, missing records, delayed service, and difficulty retrieving accurate information. Management also faces challenges because they lack timely, structured data needed for decision-making. With information scattered across physical documents, the shop struggles to operate smoothly or plan for growth.

The project outlines several objectives: examining the current workflow, identifying core problems, and designing a computerized system that reduces repetitive manual tasks. The new system aims to lower transaction costs, improve accuracy, speed up daily operations, and enhance customer satisfaction. It also intends to generate clear and reliable reports that support management in making informed decisions.

The research identifies a significant gap: the absence of an integrated, automated system. There is no shared database, no real-time tracking, no standardized reporting, and no mechanism for scaling operations. Everything depends on staff memory and manual documentation, making it hard for the shop to compete with businesses that use technology.

In conclusion, the proposed Movie Rental System is designed to modernize the shop's operations. By replacing outdated manual processes with a computerized system, the business can minimize errors, improve service speed, support better decision-making, and prepare for future expansion.