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Abstract

The Transaction Processing System of Video – One Video Rentals (TPS-VOVR) features the operational facilities of rental and return transactions between the members and the management. This development enables maintenance of important files such as members' files and financial reports that are needed for its daily business transactions and bring about complete accomplishments for the benefit of the entire management as compared to the process of the latter video rental and network system.

The methodology used is Waterfall model with Prototyping to fully develop the system it hand with proper documentation. TPSVOVR will perform transactional processes such as keeping track of all the unreturned tapes/discs that will inform the customer of its status and advance the video rental and return transactions. The system will also enhance the flow of rental and return processes on account of the automated transaction procedures directly with the use of computers, with comparison from the existing system where transactions are all done manually. It will also involve a database of Video – One Video Rentals members and all of its important files that are needed for the generation of reports and maintenance of records. And to completely furnish the system's purpose in Video – One management, it is capable of producing reports on all of its transactions to monitor the company's profits and financial status.

Complete implementation of TPSVOVR will impose success in the entire business. Scheduled plans for the primary users and system requirements should be taken in full consideration since these are factors that will serve as general accomplishments.