Unit 2 ICT in Organisations

Student Project Proposal Form

Student name: Example Database

Date:

User name: TSM Videos

Description of user needs/problem:
TSM Videos hire out Videotapes and DVDs. They use a manual card system to keep records of customers, stock and loans. Their business is growing rapidly and they are having difficulty keeping track of everything. Information gets lost and mislaid on a regular basis.

Outline description of solution:
Produce a database system for TSM Videos which will enable them to store and use details of their customers, stock and loans.

Proposed system

Data inputs required
Customer details (personal and membership)
Stock details
Record of loans

Processing required
Create and maintain files stock, customer and loans.
Calculate rental costs and return dates when videos/DVDs are hired.
Search the files to answer a specific query, e.g. identify who has a specific video.
Sort records into order e.g. alphabetical lists of customers/videos.

Outputs required
Produce reports, e.g. showing customers who have overdue videos/DVDs.
Generate letters, e.g. promotional letters to customers/groups of customers
Onscreen results of simple enquiry, e.g. Is a particular video in stock?