

System Design: Case Study

Overview

A DVD rental chain has decided to automate the administration of member, DVD and rental records. The company employs several staff at each branch. Customers must become members before they can rent a DVD. The manager of the rental chain has indicated that the automated system should allow for increases in both staff and member numbers.

You have been appointed systems analyst for the new administration system. Your first task is to perform requirements analysis for the proposed system.

- What stakeholders will you need to consult with while performing requirements analysis?
- For each stakeholder, what requirements do you expect will be required?
- Can you or the stakeholder identify any requirements which have been overlooked?
- Examine the requirements and categorise each as either essential or non-essential?
- Represent the requirements (functional components) of the system on a simple **hierarchy chart**