

- 4.5) Using the technique suggested here, where natural language descriptions are presented in a standard format, write plausible user requirements for the following functions:

An unattended gas pump system that includes a credit card reader. The customer swipes the card through the reader, then specifies the amount of fuel required. The fuel is delivered and the customer's account debited.

The cash-dispensing function in a bank ATM.

In an internet banking system, a facility that allows customers to transfer funds from one account held with the bank to another account with the same bank.

- 4.6) Suggest how an engineer responsible for drawing up a system requirements specification might keep track of the relationships between functional and non-functional requirements.
- 4.7) Using your knowledge of how an ATM is used, develop a set of use cases that could serve as a basis for understanding the requirements for an ATM system.