

# 2 Requirements for the Wheels case study system

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## Learning outcomes

The material and exercises in this chapter will enable you to:

- Familiarize yourself with the details of the Wheels case study
- Explain the role of requirements engineering in the system development process
- Describe the principal stages of requirements engineering
- Recognize and use some of the most popular techniques in requirements elicitation.

## Key words that you will find in the glossary:

- elicitation
- Fagan inspection
- problem definition
- problems and requirements list
- scenario
- specification
- validation

## Introduction

One of the main aims of this chapter is to fill in some of the details of the Wheels case study which was introduced in Chapter 1 and which is used in examples throughout the rest of the book. We describe Wheels through techniques that are typically used early in the development process to establish how things are done at present and identify what the client wants and needs from the new system. The activities that capture and record client requirements are known collectively as requirements engineering. Requirements