Chapter 16

Additional Case Study Work, Exercises and Projects

16.G Personal digital assistants (PDAs), palmtops and hand-held computers are becoming more widespread. What style guidelines are available for developers of software for these machines?

16.H Write a scenario for the use case Start line run that you wrote for Exercise 7.A. What do you think is the difference, if any, between scenarios and use cases?

16.I Write a scenario in the style of Figure 16.15 describing how the user will use a new system to handle the use case Start line run.

16.J Write down any design claims (in the style of Figure 16.16) that apply to the scenario in Exercise 16.I.

16K Write a scenario for the use case Record line problem. What do you think is the difference, if any, between scenarios and use cases?

16.L Write a scenario in the style of Figure 16.15 describing how the user will use a new system to handle the use case Record line problem.

16.M Write down any design claims (in the style of Figure 16.16) that apply to the scenario in Exercise 16.L.

16.N Obtain a copy of ISO 9241. Use the standard to evaluate a computer system that you use. This could be an ATM, a public information system, a library system or one that you use at work.

16.O Under Health and Safety at Work law in the UK, employees have a duty to take reasonable care of themselves and anyone else who may be affected by what they do at work. Using the relevant legislation for your country (from Exercise 16.E) identify the responsibilities of employees in relation to workstation health and safety.

16.P Choose a website that you use regularly. What features does it have to support use by users with disabilities? What shortcomings does it have that would make it difficult, for example for visually impaired users?