

Chapter 10: Specifying Operations

Additional Case Study Work, Exercises and Projects

- 9.E Refer back to your use case description for Start Line Run (developed for Exercise 7.A) and your sequence and collaboration diagrams for the same use case (developed for Exercises 9.A–C). Write an operation specification for the operation `Product.checkIngredients()` (or for its nearest equivalent in your model). Use any technique that you think is appropriate, but make a note of your reasons before you start work. Reread your notes when you have completed the operation specification—do you still agree?
- 9.F Rewrite your operation specification from Exercise 9.E above in as many different ways as you can. For example, if your original is in Structured English, convert this into an Activity Diagram, a decision table, a pre- and post- condition pair, and so on. Which of these do you think is the easiest to write for this operation? Which do you think you would find most useful if you were a programmer writing code for the operation, and why?