



Figure 11.9 The implementation sequence diagram for a successful scenario in the 'Issue bike' use cas

that implements it. In so doing, we follow the sequence in which the code is executed by the computer. This demonstrates the usefulness of the sequence diagram as a map to guide us through the code.

The sequence diagram we will be using is shown in Figure 11.9. The full code listing is in Figure 11.10. Table 11.1 maps each sequence code message to the number of the line of code that implements it.

Table 11.1 shows:

- In column 1, the message in the sequence diagram
- In column 2, the number of the line of code that implements the message
- In column 3 the object or class that sends the message
- In column 4 the object or class that receives the message.