Errata  Introduction to Software Engineering Design, 1st Edition

page 50  Figure 2-2-3: The Figure caption should read “Figure 2-2-3 Generic Design Process”

page 152  Exercise 1 should read “Fill in the blanks: Ideas for alternative requirements can come from ______ the design team or ______ the team. The former sources include users and other stakeholders, ______, ______, ______, ______ products, and ______ products. The latter include team and individual ________, and ________.

page 170  Figure 6-2-1: The first occurrence of extension step 6a should be 5a

page 197  Figure 7-1-2: The attribute called “lyracist” in class Song should be renamed “lyricist”

page 197  The first sentence of the second paragraph should begin “There are many class …”

page 203  Figure 7-2-3: The description of the name symbol should begin “The name of the operation; …”

The description of the parameter-list symbol should begin “A comma-separated list of the names and types …”

page 270  The word “guillemots” in the first paragraph should be spelled “guillemets”

page 355  In problem 7, the second to last sentence should read “The Prescription class would associate the classes Patient, Doctor, Pharmacist, and Insurance Plan.”

page 366  The fifth sentence on the page should read “The Button object is still active, though it is suspended until the call of actionPerformed() returns.

Page 381  The first sentence in the description of the delegated control style should read “A program with a delegated control style has decision making distributed through the program.”

page 390  Problem 1(f) should read “[x<5]query”

page 405  The sentence that starts in the middle of the thirteenth line on the page should begin “A state can also be described …”

Page 411  The sentence beneath Figure 13-2-5 should read “This arrangement ensures that state B is not entered until the transition leading from A has been traversed between 1 and k times since B was last entered; in other words, B is not entered until A has exited between 1 and k times as often as B as been entered.”

page 412  Figure 13-2-7: The arrow from state On to state Preset C should be labeled “setToC”

page 413  Figure 13-2-8: The arrow from state On to state Preset C should be labeled “setToC”
Problems 1(d) should read “action(e : ActionEvent)”

The second and third sentences of Exercise 5 should read “Include the states HungUp, OffHook, Dialing, Connected, Silent, and Ringing. Include the events pickUp, hangUp, dial, and incomingCall.”

Problem 12(c) should read “Find the median element in an unsorted array.”

Figure 18-2-3: The contents of the :Product object box should read “p : Product”

Figure 18-3-1: The return statement at the end of the note should read “return theInstance”

Figure 18-3-3: The declaration of attribute theInstance in class Clock should read “theInstance : Clock = null”

The code for the clone() method in figure 18-4-5 should read as follows:

```java
public Stack clone() {
    Stack result = new Stack( maxSize );
    result.top = top
    for ( int k = 0; k < top+1; k++ )
        result.store[k] = store[k];
    return result;
}
```

Figure 19-2-6: The parameter list for operation addActionListener in class AbstractButton should read “l : ActionListener”

The parameter list for operation actionPerformed in class ActionListener should read “e : ActionEvent”

Exercise 9(a) should read “A single command object that has a single operation with one parameter indicating the event type that can be registered with the Zorister.”

The exercises beginning with those for section 19.3 are mis-numbered, running from 10 to 16 when they should run from 11 to 17.

The first assumption listed in section 5. Assumptions and Constraints should read “AquaLush will use the new moisture sensors developed by MESC.”

Requirements 2.7.3.2 should read “Each simulated irrigation zone must simulate regions watered by irrigation valves and display the states of the simulated valves.”

Figure B-7-1: Plus signs are missing from some lines. In particular, the fourth through sixth lines in the figure should read:

```
sensorSpec = "sensor" + sensorIdentifier + location + ";"
valveSpec = "valve" + valveIdentifier + valveType + flowRate + location + ";"
valveType = "<" + valveDescription + ">"
```

Requirement 6.3.10.3.1 should read “If the user presses keypad digit keys when there are already 9 digits in the Gallons Allocated display, then the display must not be changed and the terminal must beep.”

Figure B-7-22: The callout attached to the Default button should read: “Each press must reset the rate to 10”
The page header on odd-numbered pages indicates section B.10 when in fact the section number is B.11.

Figure B-11-16: The type of attribute transition in class Screen should be Screen[8].

The following reference, cited in the preface, should be added as the fourth in the list: