OrderDAO.java

```java
1 package model.dao;
2
3 import java.io.File;
7
8 public class OrderDAO {
9
10     private File ordersDir;
11
12     public OrderDAO() {
13     }
14
15     public OrderDAO(String ordersDir) {
16         this(new File(ordersDir));
17     }
18
19     public OrderDAO(File ordersDir) {
20         this.setOrdersDir(ordersDir);
21         checkDir();
22     }
23
24     public synchronized String getOrderFileName(String accountNum,
   int id) {
25         String result = "";
26         if (id > 0) {
27             result = getOrderFileNameFirstPart(accountNum) + id +
   ".xml";
28         }
29         return result;
30     }
31
32     public synchronized String getOrderFileNameFirstPart(String
   accountNum) {
33         return "po" + accountNum + "_";
34     }
35
36     public synchronized File[] getPOs() {
37         return ordersDir.listFiles();
38     }
39
40     public synchronized File[] getPOs(String accountNum) {
41         return ordersDir.listFiles(new FilenameFilter() {
42             @Override public boolean accept(File dir, String name)
   {
43                 return
```

```java
        name.startsWith(getOrderFileNameFirstPart(accountNum));
44              }
45          });
46      }
47
48      public synchronized File getPO(String fileName) {
49          return new File(ordersDir, fileName);
50      }
51
52      public synchronized FileWriter getFileWriter(String fileName)
    throws IOException {
53          File poFile = getPO(fileName);
54          if (poFile.exists()) {
55              throw new IOException("File already exists.");
56          }
57          poFile.createNewFile();
58          return new FileWriter(poFile);
59      }
60
61      /**
62       * Check if directory exists, else create a new one
63       */
64      public synchronized void checkDir() {
65          if (!ordersDir.exists()) {
66              ordersDir.mkdir();
67          }
68      }
69
70      public File getOrdersDir() {
71          return this.ordersDir;
72      }
73
74      public void setOrdersDir(File dir) {
75          this.ordersDir = dir;
76      }
77
78 }
79
```