```
1 package oregonTrail;
 3 import java.awt.*;
 7
 8 / * *
 9 * Main class containing all game logic for switching between panels and instantiating
10 * @authors Corbin Hibler, Lukas Dunbar, Ray Otto, Ethan Vaughn
11 * @date 2024-04-09
12 */
13 public class OregonTrail {
14
15
      private JFrame frame;
16
      private Travel travelState;
17
      public final Wagon WAGON;
18
      public final StartupPanel STARTUP PANEL;
19
      public final TravelPanel TRAVEL PANEL;
20
      public final TrailMenuPanel TRAIL MENU PANEL;
21
      public final FortPanel FORT STRONG PANEL;
22
      public final SecondFortPanel FORT OREGON PANEL;
23
      public HuntingPanel huntingPanel;
24
      /**
25
26
       * Launch the application.
27
28
      public static void main(String[] args) {
29
          EventQueue.invokeLater(new Runnable() {
30
              public void run() {
31
                   try {
32
                       OregonTrail window = new OregonTrail();
33
                       window.frame.setVisible(true);
34
                   } catch (Exception e) {
35
                       e.printStackTrace();
36
37
               }
38
          });
39
      }
40
41
42
       * Create the application.
43
       */
44
      public OregonTrail() {
45
          // Create wagon and preload items
46
          WAGON = new Wagon();
47
          WAGON.addItem(new Item("Apple Vinegar"));
48
          WAGON.addItem(new Item("Bacon"));
49
          WAGON.addItem(new Item("Water"));
50
          WAGON.addItem(new Item("Bullets"));
51
          WAGON.setTotalFoodWeight(350);
52
          WAGON.addItem(new Item("Cast Iron Stove"));
53
          STARTUP PANEL = new StartupPanel();
54
55
          TRAVEL PANEL = new TravelPanel(this);
56
          travelState = new Travel(this);
57
          TRAIL MENU PANEL = new TrailMenuPanel(this);
58
          FORT STRONG PANEL = new FortPanel(this, new ImageIcon(this.getClass
  ().getResource("/images/FortStrong.jpg")));
59
           FORT OREGON PANEL = new SecondFortPanel(this, new ImageIcon(this.getClass
  ().getResource("/images/FortOregon.jpg")));
```

124

Tuesday, April 9, 2024, 2:02 PM