Shopping Basket

Technical Manual

1. System Requirements

The shopping basket application uses the Java Runtime Environment in order to run. The JRE system requirements for Windows are as follows:

|  |  |  |
| --- | --- | --- |
| Architecture | 32-bit | 64-bit |
| Operating System | Windows Vista or greater | Windows Vista or greater |
| Physical RAM | 128 MB or greater | 128 MB or greater |
| Processor (CPU) | Pentium 2 266 MHz processor or greater | Pentium 2 266 MHz processor or greater |
| Disk Space | 124 MB free disk space | 124 MB free disk space |

1. Functions Specification
   1. OrderItem
      1. getName

* For receiving item names
* No parameters
* Returns String
  + 1. setName
* For setting item names
* String parameter
* No return
  + 1. getPrice
* For receiving prices
* No parameters
* Returns double
  + 1. setPrice
* For setting prices
* Double parameter
* No return
  + 1. getAmt
* For receiving item quantities
* No parameters
* Returns integer
  + 1. setAmt
* For setting item quantities
* Integer parameter
* No return
  1. ShoppingBasket
     1. drawInterface
* Generates the main GUI
* No parameters
* No return
  + 1. showPrompt
* Displays the add/delete/edit interface
* String, integer, object (JFrame, JSpinner, JTextField, JLabel) parameters
* No return
  + 1. okPressed
* Handles the add/delete/edit interface input
* Object (JTextField, JSpinner, JTextField, JFrame) parameters
* No return
  + 1. redrawBasket
* Updates the shopping basket after interactions
* Object (JTextArea, JTextField, JSpinner) parameters
* No return
  + 1. save
* Writes the shopping basket’s contents to a file
* No parameters
* No return