**Release Notes**

**Functional Features**

You are presented with a main menu upon starting the application, with a number of options with numbers corresponding to them.

* Display all orders:
  + Press and enter ‘1’ at the main menu.
  + Enter a date with the specified format when prompted
  + All orders in the orders files with an order completion date equal to the date you entered will be printed.
  + You can then press enter to go back to the main menu.
* Add an order:
  + Press and enter ‘2’ at the main menu.
  + You enter an order completion date, a customer name, a state abbreviation, a product type for flooring, an area for flooring (at least 100) , then press enter to continue.
  + Assuming there is no problem with data validation, you will be presented with the data of the order you just created, and asked if you are you want it to be added to the order files.
  + If you indicate you are, the order will be added, then you can press enter to go back to the main menu.
  + If not, you will be asked if you want to try again.
  + If the data is invalid, you will be informed of why to the best of the developer’s abilities, then asked if you want to try again.
  + If you indicate that you wish to try again, you will be asked for the same details once again.
* Edit an order:
  + Press and enter ‘3’ at the main menu.
  + You must enter an order date and number corresponding to the order you wish to edit.
  + You enter an a new customer name, state abbreviation, product type for flooring, and area for flooring (at least 100) , then press enter to continue.
    - You will be presented with the existing respective field values of the order when asked to enter a new value, and may leave an entry empty to keep the existing value for that field
  + Assuming there is no problem with data validation, you will be presented with the data of the order you just edited, and asked if you are sure of this edit.
  + If you indicate you are, the order will be edited, then you can press enter to go back to the main menu.
  + If not, you will be asked if you want to try again.
  + If the data is invalid, you will be informed of why to the best of the developer’s abilities, then asked if you want to try again.
  + If you indicate that you wish to try again, you will be asked for the same details once again.
* Cancel an order:
  + Press and enter ‘4’ at the main menu.
  + You must enter an order date and number corresponding to the order you wish to cancel.
  + You will be presented with the data of the order you just selected, and asked if you are sure of this cancellation.
  + If you indicate you are, the order will be cancelled (if it is not already cancelled), then you can press enter to go back to the main menu.
    - If it is already cancelled, you will be asked if you want to try again.
  + If not, you will be asked if you want to try again.
  + If you indicate that you wish to try again, you will be asked for the same details once again.
* Export an order:
  + Press and enter ‘5’ to export all order data to ‘Backup/DataExport.txt’ in the jar directory. This includes order completion date data.
* Exit:
  + Press and enter ‘6’ to exit the application.

**Non-Functional Features**

* All added and edited data is saved in files.
* Orders are saved in files with file names based on their order dates.
* Files are read from to ensure any added or existing data is in memory and available.
* Full data validation is performed to ensure any added or edited order data is valid according to the company data constraints.
  + Orders must have a completion date in the future, but not over five years in the future.
  + Entered states must exist in our tax records (Data/Taxes.txt).
  + Entered products must exist in our product records (Data/Products.txt).
* Orders must exist to be edited or cancelled.
* If an order is already cancelled, it can’t be cancelled again.
* Pleasant and informative banners and messages will be printed at various points in the program, to both inform the user and improve their usage experience.