Increment 4 User Documentation

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**Increment 5 Revisions**

The following pages were changed.

Updated the application overview to reflect updates made on Drink Tracker 1.5

The following pages were added.

Added the ‘Orders Menu’ entry

Added the ‘Create Order’ entry

Added the ‘Delete Order’ entry

Added the ‘Edit Order’ entry

Added the ‘View Order’ entry

**Increment 4 Revisions**

The following pages were changed.

Updated the application overview to reflect updates made on Drink Tracker 1.4

The following pages were added.

Added the ‘Deliveries Menu’ entry

Added the ‘Assign Delivery’ entry

Added the ‘Cancel Delivery’ entry

Added the ‘Editing Delivery’ entry

Added the ‘Display Delivery’ entry

**Increment 3 Revisions**

The following pages were changed.

Updated the application overview to reflect updates made on Drink Tracker 1.3

The following pages were added.

Added the ‘Main Menu’ entry

Added the ‘Drinks Menu’ entry

Added the ‘Add Store’ entry

Added the ‘Remove Store’ entry

Added the ‘Modify Store’ entry

Added the ‘Display Store’ entry

**Increment 2 Revisions**

The following pages were changed.

Updated the application overview to reflect updates made on Drink Tracker 1.1

The following pages were added.

Added the ‘Create Drink’ entry

Added the ‘Remove Drink’ entry

Added the ‘Edit Drink’ and ‘View Drink’ entry

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# Application Overview

This application tracks energy drink information from various different stores and will allow the user to create, edit, view, and remove drinks and stores from the database. To start, simply double click on the ‘drinktrackerv3.jar’ installed as part of the installation process. When the application starts, the following menu will be displayed:

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========= DRINK TRACKER 1.5 =========

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========= MAIN MENU =========

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Enter your choice:

1. Drinks

2. Stores

3. Orders

4. Deliveries

5. Exit

This screen will allow the user to choose from four main options: Drinks, Stores, Orders, Deliveries, as well as exit the application. The current iteration allows the user to enter the Drinks and Stores menu. To select one of those, enter 1 or 2.

# Drinks menu

Selecting option 1 from the main menu will bring the user to the Drinks menu where they will be able to create, remove, edit, and view a drink, or go back to the main menu.

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========= DRINKS =========

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Enter your choice:

1. Create a new drink

2. Remove an existing drink.

3. Edit an existing drink.

4. View an existing drink.

6. Back

# Create a new drink

To begin, enter 1 to add a new drink to the database. The following prompts will be displayed when option 1 is selected.

Enter the Product ID:

2000

Enter Product's Name:

Testing

Enter Product's description:

Testing

(true OR false): This product is available for sale?

false

Product entry as 2000 has been timestamped.

Enter Product's quantity:

2000

Product 2000 has been created on the database.

Below will detail the fields, information, and instructions.

|  |  |  |
| --- | --- | --- |
| Name | Description | Instructions |
| Product ID | The product’s identification number. | Enter a unique number up to 6 digits to identify the product. |
| Product Name | Name of the specific product. | Enter text up to 50 characters in length. |
| Description | Details about the specific product. | Enter text up to 50 characters in length. |
| Availability | Question if inserted product will be ready for sale | Enter ‘true’ or ‘false’ when prompted |
| Timestamp | An automated time stamp used when this product has been modified and/or created. |  |
| Product Quantity | The quantity of the specific product. | Enter up to four digits for quantity available. |

The application will prompt the user to enter data into each field. When all the data has been entered, the application will submit the data to the database and display “Product … has been created on the database.” at which point, the user will be returned back to the menu selection.

# Remove an existing drink

Choosing option 2 from the menu selection will allow the user to remove a drink from the database. The following prompts will be displayed when option 2 is selected.

Enter the Product ID you'd like to remove:

2000

Are you sure you want to remove: 2000 (yes OR no)

yes

Product 2000 has been removed from database.

The application will prompt the user to enter a Product ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the product is removed. If ‘**yes**’ is entered but the Product ID is not found, the following message will be displayed:

There is no Product 2000 in the database.

Returning to menu selection.

If ‘no’ is entered, the message “OK. Returning to menu selection.” will displayed.

# Edit an existing drink

Choosing option 3 from the menu selection will allow the user to edit any existing drink on the database. The following prompts will be displayed when option 3 is selected.

Enter the Product ID you'd like to update:

2000

Are you sure you want to update: 2000 (yes OR no)

yes

Enter the 2000's new name:

Two Thousand

Enter the 2000's new description:

Testing for Two Thousand

(true OR false): Updated product 'Two Thousand' is available for sale?

true

Enter the 2000's new quantity:

2001

Product 2000 has been updated.

The user will be asked to enter a Product ID they wish to update. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the user may continue. If ‘**yes**’ is entered but the Product ID is not found, the following message will be displayed:

2000 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Product ID is entered, the user will be prompted to change that product’s name, description, availability, and quantity before the drink can be updated on the database.

# View an existing drink

Choosing option 4 from the menu selection will allow the user to view any existing drink’s information on the database. The following prompts will be displayed when option 4 is selected.

Enter the Product ID for the drink you want to view:

2000

Are you sure you want to view 2000? (yes OR no)

yes

ID: 2000

Name: Two Thousand

Description: Testing for Two Thousand

Available? (1 = Yes, 0 = No): 1

Last modified: 2022-02-26 21:32:27.0

Quantity: 2001

The application will prompt the user to enter a Product ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the product is removed. If ‘**yes**’ is entered but the Product ID is not found, the following message will be displayed:

2000 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Product ID is entered, the user will have all the information from the database displayed on their screen for that drink. After the information is displayed, the user will be returned to the menu selection.

# Stores menu

Selecting option 2 from the main menu will bring the user to the Stores menu. Here, the user will be able to add, remove, modify, and display details for a store, as well as go back to the main menu.

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========= STORES =========

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Enter your choice:

1. Add a store

2. Remove a store

3. Modify a store

4. Display a store's details

6. Back

# Add a store

To begin, enter 1 to add a store to the database. The following prompts will be displayed when option 1 is selected.

Enter the store's ID number:

999

Enter the store's name:

Testing

Enter the store's initial quantity stock:

999

(true OR false): Store #999 requires daily restocking?

false

Store 'Testing' / #999 has been created on the database.

Below will detail the fields, information, and instructions.

|  |  |  |
| --- | --- | --- |
| Name | Description | Instructions |
| Store ID | The store’s identification number. | Enter a unique number up to 6 digits to identify the store. |
| Store Name | Name of the specific store. | Enter text up to 50 characters in length. |
| Quantity Stock | The quantity of store’s initial stock | Enter up to four digits. |
| Restocking | Question if this store will require a daily restocking from vendor | Enter ‘true’ or ‘false’ when prompted |

The application will prompt the user to enter data into each field. When all the data has been entered, the application will submit the data to the database and display “Store … has been created on the database.” at which point, the user will be returned back to the menu selection.

# Remove a store

Choosing option 2 from the menu selection will allow the user to remove a store from the database. The following prompts will be displayed when option 2 is selected.

Enter the store's ID number you'd like to remove:

999

Store#999, is this the location you'd like to remove? (yes OR no)

yes

Store #999 has been removed from database.

The application will prompt the user to enter a Store ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the store is removed. If ‘**yes**’ is entered but the Store ID is not found, the following message will be displayed:

There is no store #999 in the database.

Returning to menu selection.

If ‘no’ is entered, the message “OK. Returning to menu selection.” will displayed.

# Modify a store

Choosing option 3 from the menu selection will allow the user to edit any store on the database. The following prompts will be displayed when option 3 is selected.

Enter the store's ID number you'd like to update:

999

You'd like to update info for Store#999? (yes OR no)

yes

Enter store #999's new name:

Modified Testing

(true OR false): 'Modified Testing' now requires daily restocking?

false

Enter store #999's new quantity:

9999

Store #999 'Modified Testing' has been updated.

The user will be asked to enter a Store ID they wish to update. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the user may continue. If ‘**yes**’ is entered but the Store ID is not found, the following message will be displayed:

999 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “OK. Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Store ID is entered, the user will be prompted to change that store’s name, initial stock quantity, and restocking status before the store can be updated on the database.

# Display a store’s details

Choosing option 4 from the menu selection will allow the user to display the information for any store on the database. The following prompts will be displayed when option 4 is selected.

Enter the ID number for the store you'd like to view:

999

Are you sure you want to view Store#999? (yes OR no)

yes

ID: 999

Name: Modified Testing

Last modified: 2022-03-19 22:31:13.0

Description: 9999

Daily restocking required? (1 = Yes, 0 = No): 0

Returning to menu selection.

The application will prompt the user to enter a Store ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the store is removed. If ‘**yes**’ is entered but the Store ID is not found, the following message will be displayed:

999 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “OK. Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Store ID is entered, the user will have all the information from the database displayed on their screen for that store. After the information is displayed, the user will be returned to the menu selection.

# Deliveries menu

Selecting option 4 from the main menu will bring the user to the Deliveries menu where they will be able to assign, cancel, edit, and display information on a delivery, or go back to the main menu.

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========= DELIVERIES =========

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Enter your choice:

1. Assign a delivery

2. Cancel a delivery

3. Edit an existing delivery

4. Display delivery details

6. Back

# Assign a delivery

To begin, enter 1 to assign a delivery to a particular store. The following prompts will be displayed when option 1 is selected.

Please enter the store # you want to initiate a delivery:

3

Do you want to create a delivery for A Latte Fun? (yes OR no)

yes

(true OR false): This delivery is ready for pickup.

true

Please enter the quantity for this delivery:

2500

Delivery ticket#2 has been scheduled for store# 3.

Below will detail the fields, information, and instructions.

|  |  |  |
| --- | --- | --- |
| Name | Description | Instructions |
| Store ID | The identification number specific to each store | Enter a unique number up to 6 digits to identify the store. |
| En-route | Question if inserted product will be ready for sale | Enter ‘true’ or ‘false’ when prompted |
| Delivery Quantity | The quantity allotted for the delivery. | Enter up to four digits. |

The application will prompt the user to enter data into each field. When all the data has been entered, the application will submit the data to the database and display “Delivery ticket#... has been scheduled for store#...” at which point, the user will be returned back to the menu selection.

# Cancel a delivery

Choosing option 2 from the menu selection will allow the user to cancel a delivery. The following prompts will be displayed when option 2 is selected.

Please enter the delivery ID# you'd like to cancel:

2

CONFIRM: You would like to cancel delivery#2? (yes OR no)

yes

Delivery #2 has been removed from database.

The application will prompt the user to enter a delivery ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the delivery ticket is removed. If ‘**yes**’ is entered but the delivery ID is not found, the following message will be displayed:

There is no delivery #2 in the database.

Returning to menu selection.

If ‘no’ is entered, the message “OK. Returning to menu selection.” will displayed.

# Edit an existing delivery

Choosing option 3 from the menu selection will allow the user to edit an existing delivery ticket. The following prompts will be displayed when option 3 is selected.

Please enter the delivery ID# you'd like to modify:

1

CONFIRM: You would like to modify delivery# 1? (yes OR no)

yes

(true OR false): This delivery is ready for pickup.

false

Please update the quantity for delivery#1:

9999

Please update the Store ID# for delivery#1:

2

Do you want to change delivery# 1 to Quick Wok? (yes OR no)

yes

Delivery# 1 has been updated.

The user will be asked to enter a delivery ID they wish to edit. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the user may continue. If ‘**yes**’ is entered but the delivery ID is not found, the following message will be displayed:

There is no delivery #9 in the database.

Returning to menu selection.

If ‘**no**’ is entered, the message “OK. Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid delivery ID is entered, the user will be prompted to change that en-route status, update the quantity, and change the store ID before the ticket can be updated on the database.

# Display delivery details

Choosing option 4 from the menu selection will allow the user to view any available delivery ticket information on the database. The following prompts will be displayed when option 4 is selected.

ID: 1

Name: 2022-04-02 22:25:31.0

Store #: 2

Delivery QTY: 9999

Currently enroute?: false

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OK. Returning to menu selection.

The application will prompt the user to enter a delivery ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the ticket is displayed. If ‘**yes**’ is entered but the delivery ID is not found, the following message will be displayed:

2 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid delivery ID is entered, the user will have all the information from the database displayed on their screen for that ticket. After the information is displayed, the user will be returned to the menu selection.

# Orders menu

Selecting option 3 from the main menu will bring the user to the Orders menu. Here, the user will be able to create, edit, remove, and view orders, as well as go back to the main menu.

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========= ORDERS =========

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Enter your choice:

1. Create new order

2. Delete existing order

3. Edit an order

4. View existing order

6. Back

# Create new order

To begin, enter 1 to create a new order to the database. The following prompts will be displayed when option 1 is selected.

Please enter the product ID# you're ordering:

999

Are you making an order for 'Testing'? (yes OR no)

yes

Please enter the quantity for this order:

999

Please enter the store ID# for this order:

1

Store: Dirty Cup -- Is there a delivery already scheduled for this order? (yes OR no)

yes

Please enter the delivery # you'd like to assign to this order:

1

Your order has been created.

Below will detail the fields, information, and instructions.

|  |  |  |
| --- | --- | --- |
| Name | Description | Instructions |
| Product ID | The product’s identification number. | Enter a unique number up to 6 digits to identify the product. |
| Store ID | The identification number specific to each store | Enter a unique number up to 6 digits to identify the store. |
| Quantity | The quantity of store’s initial stock | Enter up to four digits. |
| Delivery ID | The identification number specific to each delivery | Enter a unique number up to 6 digits to identify the delivery. |

The application will prompt the user to enter data into each field. When all the data has been entered, the application will submit the data to the database and display “Your order has been created.” at which point, the user will be returned back to the menu selection.

# Remove an Order

Choosing option 2 from the menu selection will allow the user to remove an order from the database. The following prompts will be displayed when option 2 is selected.

Please enter the order ID# you'd like to cancel:

4

CONFIRM: You'd like to cancel order#4? (yes OR no)

yes

Order #4 has been canceled.

The application will prompt the user to enter an Order ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the store is removed. If ‘**yes**’ is entered but the Order ID is not found, the following message will be displayed:

There is no order #4 in the database.

Returning to menu selection.

If ‘no’ is entered, the message “OK. Returning to menu selection.” will displayed.

# Edit an Order

Choosing option 3 from the menu selection will allow the user to edit any order on the database. The following prompts will be displayed when option 3 is selected.

Please enter the order ID# you'd like to modify:

4

CONFIRM: You'd like to modify order#4? (yes OR no)

yes

(true OR false): This order has been completed.

false

Please update the quantity for order#4:

1000

Order# 4 has been updated.

The user will be asked to enter an Order ID they wish to update. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the user may continue. If ‘**yes**’ is entered but the Order ID is not found, the following message will be displayed:

There is no order #999 in the database.

Returning to menu selection.

If ‘**no**’ is entered, the message “OK. Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Order ID is entered, the user will be prompted to change that order’s completion and quantity before the update is sent to the database.

# View an order’s details

Choosing option 4 from the menu selection will allow the user to display the information for any order on the database. The following prompts will be displayed when option 4 is selected.

Please enter the order# you wish you view:

4

CONFIRM: You would like to view order# 4? (yes OR no)

yes

Order#: 4

Delivery#: 1

Product#: 999

Quantity: 1000

Date: 2022-04-17 19:41:24.0

Store Name: Dirty Cup

Completed?: false

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OK. Returning to menu selection.

The application will prompt the user to enter an Order ID. A confirmation is needed before proceeding so the user is asked to confirm by entering ‘**yes**’ or ‘**no**’. If ‘**yes**’ is entered, the store is removed. If ‘**yes**’ is entered but the Order ID is not found, the following message will be displayed:

999 is invalid. This ID does not exist.

Returning to menu selection.

If ‘**no**’ is entered, the message “OK. Returning to menu selection.” will display and the user will be returned to the menu selection.

Once a valid Order ID is entered, the user will have all the information from the database displayed on their screen for that store. After the information is displayed, the user will be returned to the menu selection.