**Customer User Manual**

**SIGN UP**

**A screenshot of a computer

Description automatically generated**

Welcome to the Customer Sign-Up interface! This application allows you to add new customers to the system.

**1. Customer ID**

* **Auto-generated:** The "Customer ID" field is automatically generated and cannot be edited by the user. It is a unique identifier for each customer.

**2. Name**

* **Text Field:** Enter the customer's name in the "Name" field.

**3. Contact**

* **Text Field:** Enter the customer's contact information in the "Contact" field.

**4. Password**

* **Password Field:** Enter a secure password for the customer. The characters are masked for security.

**5. Add Customer Button**

* Press this button to add the customer with the provided information.
* The customer details are sent to the server, and the fields are cleared after successfully adding the customer.

**Login**

**A screenshot of a computer login screen

Description automatically generated**

Welcome to the Customer Login Window! This application allows customers to log in using their credentials.

1. **Customer ID and Password Entry:**
   * Enter your customer ID in the "Customer ID" text field.
   * Enter your password in the "Password" field.
2. **Login:**
   * Click the "Login" button to attempt to log in.
   * If the fields are empty, a warning message will remind you to fill in both fields.
3. **Successful Login:**
   * Upon successful login, an information message will appear, and the Customer Dashboard will open.
   * The Customer Dashboard provides additional functionalities for the logged-in customer.
4. **Back Button:**
   * If you want to go back to the Welcome Window without logging in, click the "Back" button.
5. **Closing the Application:**
   * Close the application window using the standard window close button (X) in the top-right corner.

**Customer Dashboard**

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**1 Leaving a Message**

1. Click on the "Leave Message" button.
2. Follow the on-screen instructions to submit your message.

**2 Viewing Single Transactions**

1. Click on the "View Single Transactions" button.
2. Explore the details of individual transactions.

**3 Viewing Past Transactions**

1. Click on the "View Past Transactions" button.
2. Review the list of past transactions.

**4 Renting Equipment(s)**

1. Click on the "Rent Equipment(s)" button.
2. Explore available equipment and follow the on-screen instructions to rent.

**Leave Message**

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**1 Entering Customer Information**

1. The customer ID is automatically filled from the user session.
2. The message ID is generated automatically.
3. Select the date by clicking on the date field.

**2 Completing Message Details**

1. Enter the message details in the provided text area.

**3 Submitting a Message**

1. Click the "Lodge" button to submit the message.
2. A warning will appear if any required information is missing.

**4 Navigation and Logout**

1. Use the services menu to navigate to different features.
2. Click on "Back" to return to the Customer Dashboard.
3. Click on "Log Out" to exit the application.

**View Single Transactions**

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Description automatically generated

The LeaveMessage GUI allows customers to submit messages or complaints to the system. Users can provide details such as their customer ID, a message ID (auto-generated), the date of the message, and the message itself.

**1 Customer ID**

* The "Customer ID" field is automatically populated with the user's ID.

**2 Message ID**

* The "Message ID" field is automatically generated.

**3 Date**

* Click on the "Date" field to input the date of the message. The format should be "mm/dd/yyyy".

**4 Message**

* Enter the details of your message in the "Message" field.

**5. Submitting a Message**

**5.1 Lodge Button**

* Click the "Lodge" button to submit your message.
* Ensure that all required fields are filled (Message ID, Date, Message).

**5.2 Validation**

* If any of the required fields are empty, a warning dialog will appear, prompting you to fill in the missing information.

**5. Navigating**

**4.1 Back Button**

* Click the "Back" button to return to the Customer Dashboard.

**6. Menu Bar**

**6.1 Services Menu**

* "Lodge New Message": Opens a new LeaveMessage window.
* "View Single Transaction": Opens a ViewSingleTransactions window.
* "View Past Transactions": Opens a ViewTransactions window.
* "Rent Equipment(s)": Opens a ViewByCategory window.

**6.2 Back Menu**

* "Back": Returns to the Customer Dashboard.

**6.3 Log Out Menu**

* "Log Out": Logs out the user and returns to the Customer Login window.

**View Past Transactions**

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Description automatically generated

The main feature of the application is to view past transactions. The application displays a table with columns such as Transaction ID, Customer ID, Amount Paid, Equipment Name, and Payment Date.

**1. Searching Transactions**

Use the provided search field to input a customer ID and click the "Search" button to retrieve past transactions associated with that customer.

**2. Navigation**

Navigate through different services using the Services menu in the menu bar. Options include lodging a new message, viewing a single transaction, viewing past transactions, and renting equipment(s).

**3. Logging Out**

Click on the "Log Out" option in the Services menu to log out of the application.

**4 Customer ID Input**

Before searching for past transactions, enter the customer ID in the designated search field.

**4.1 Searching Past Transactions**

Click the "Search" button to retrieve past transactions based on the entered customer ID.

**4.2 Viewing Transaction Details**

After a successful search, the application displays past transactions in a table. Click on a specific transaction to view detailed information.

**4.3 Navigating Services**

Use the Services menu to navigate between different functionalities, such as lodging a new message, viewing single transactions, viewing past transactions, and renting equipment(s).

**4.4 Logging Out**

To log out of the application, click on the "Log Out" option in the Services menu.

**Rent Equipment(s)**

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The main feature of the application is to view available equipment based on selected categories. The application displays a table with columns such as Equipment ID, Name, Category, Availability Status, Cost/Day, and Select.

**1 Selecting Equipment Category**

Choose a category from the drop-down menu before searching for available equipment.

**2 Searching Available Equipment**

Click the "Search" button after selecting a category to retrieve available equipment.

**3 Renting Equipment**

Click the "Select" button corresponding to the equipment you want to rent. Enter the event date when prompted.

**4 Navigating Services**

Use the Services menu to navigate between different functionalities, such as lodging a new message, viewing single transactions, viewing past transactions, and renting equipment(s).

**5 Logging Out**

To log out of the application, click on the "Log Out" option in the Services menu.