
CT4029 - QR Life User Guide

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1 Introduction

this is the comprehensive user guide following user guide to demonstrates how to use application effectively and how to fix errors that might possibly occur within the application. Also detailed system requirements and features of the application



Figure 1: Your Figure Caption

2 Installation and Initial Setup

2.1 System Requirements

- Operating System: Windows 7 or later
- RAM: Minimum 4GB
- Storage: At least 100MB free space
- Python 3.8 or later

2.2 Installation Process

1. Download the installation package from <https://www.Demo-Website.com>
2. Run the installer and follow the on-screen instructions.
3. Open the application after installation.

3 User Registration

3.1 Creating an Account

To create an account on QR Life, follow these steps:

1. On the welcome screen, click the 'User Register' button.
2. Fill in the registration form with your personal details.
3. Click 'Confirm Registration' to complete the process.

Note: Passwords must meet the following criteria for enhanced security:

- At least 8 characters in length.
- Contains at least one uppercase letter (A-Z).
- Contains at least one lowercase letter (a-z).
- Includes at least one number (0-9).



The image shows a software window titled "MainWindow" with a dark red border. Inside, the top section has a black background with a white QR code icon and the text "QRLife" in a white script font. Below this, the registration form is set against a dark red background. It contains several input fields: "Email Address", "Password", "First Name", and "Last Name". At the bottom of the form, there is a date field with the value "01/01/2000" and a black button with white text that says "Confirm Registration".

Figure 2: Registration Page

4 User Login Page

4.1 Successful Login

1. Enter your email and password.

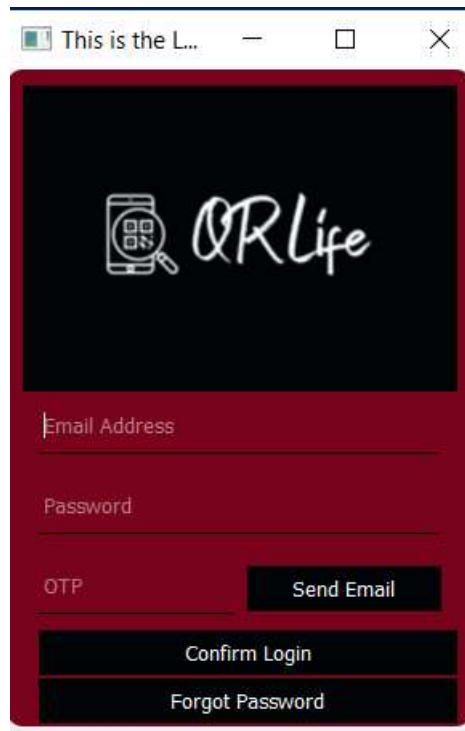


Figure 3: User Login Page

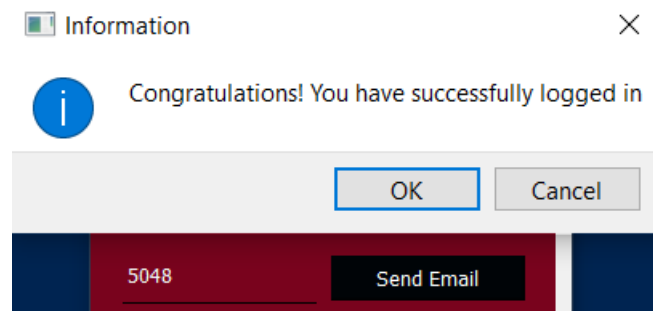


Figure 4: Caption

2. Click 'Send Email' for OTP.
3. Retrieve OTP from your email.
4. Type this 4 digit password into the OTP prompt and click on 'Confirm Login'
5. A successful login prompt should then be activated once the prompt is removed it will then bring the user to the main page. Figure 3

5 Troubleshooting Login Issues

5.1 Common Login Problems and Solutions

Users may encounter various issues while trying to log into their QR Life account. Below are the most common problems and their solutions:

1. Incorrect Email or Password:

- *Solution:* Double-check the email and password. Use the password recovery option if necessary.

2. One-Time Password (OTP) Issues:

- *Solution:* Check the email inbox and spam folder for the OTP. Request a new OTP if not received.

3. Business Account Login Attempt:

- *Solution:* Business accounts should use the designated business login portal.

4. Technical Issues or Bugs:

- *Solution:* Try logging in after some time, or contact technical support.

5. Account Not Activated or Verified:

- *Solution:* Complete all necessary steps for account activation and email verification.

6. Outdated Application Version:

- *Solution:* Update the QR Life application to the latest version.

7. Network or Connectivity Issues:

- *Solution:* Ensure a stable internet connection before attempting to log in.

For further assistance, users are advised to contact QR Life customer support.

6 Main Page Overview

The main page of the application, as implemented in `main_page_demo.py`, serves as the entry point for users.

6.1 Accessing Promotions

The main page presents a list of currently available promotions. Each promotion includes the company name, a textual description, and a unique voucher code, as shown in Figure 5.

6.2 QR Code Generation

For each promotion, a QR code is generated that can be scanned to apply the discount. An example of the QR code as presented to the user is provided in Figure 6.

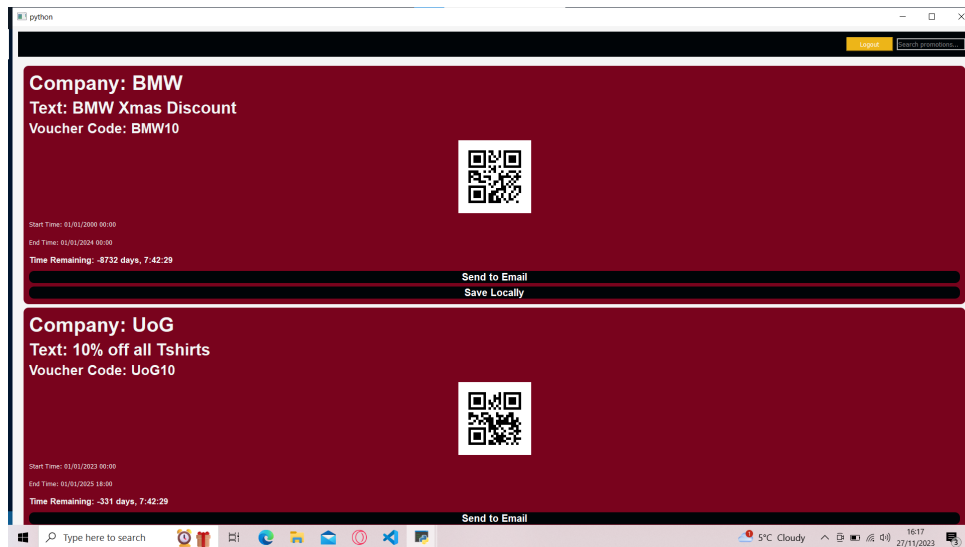


Figure 5: The main application page displaying available promotions.

Here is your QR code for the promotion:

Voucher Code: BMW10

Text Description: 1

One attachment • Scanned by Gmail ⓘ



Figure 6: Sample QR code sent to the user's email.

6.3 Saving and Sharing Promotions

Users have the option to save the promotion details locally or send them via email. The interface for saving the QR code locally is demonstrated in Figure 7.

6.4 Validity and Time Remaining

Each promotion listed on the main page includes the start and end dates, along with the time remaining before the promotion expires. This information is crucial for users to plan their purchases accordingly.

6.5 Navigation and Search

The main page also features a search bar that allows users to quickly find promotions of interest. Additionally, users can log out of the application using the logout button located at the top right corner of the page.

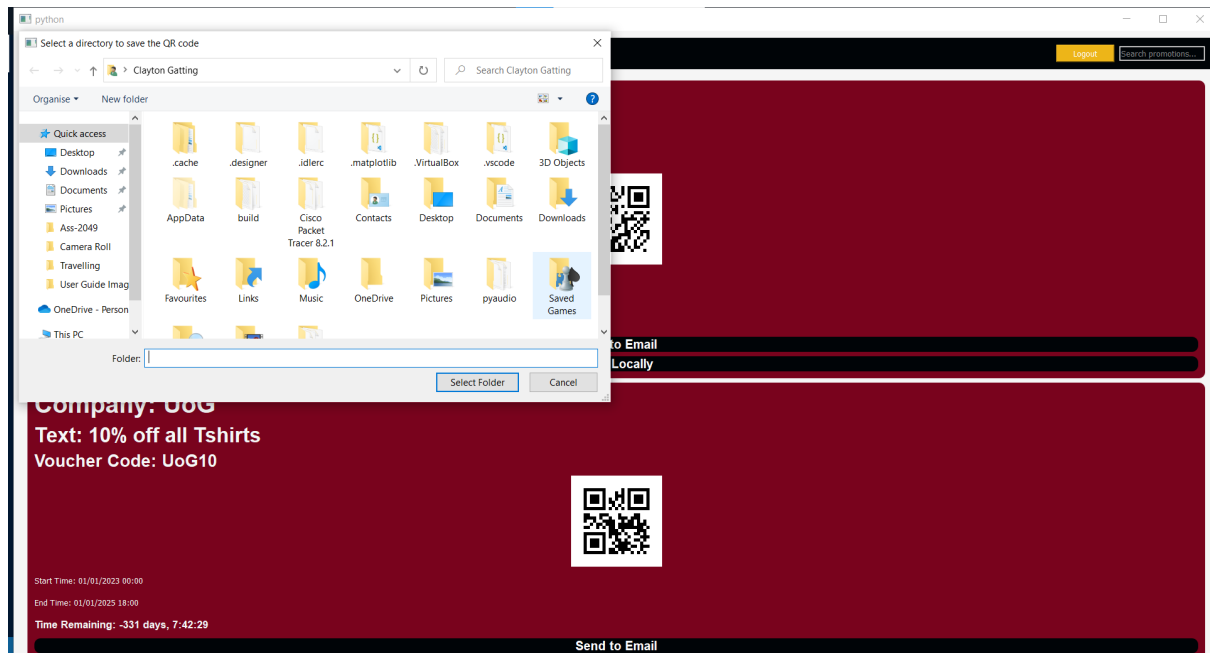


Figure 7: The dialog box for saving the QR code locally.

6.6 Error Handling

The script is designed to handle common errors gracefully, such as network issues while sending emails or saving information locally. Users will be prompted with an error message guiding them on how to resolve the issue.

7 Businesses

All business please contact QR Life to gain access to your account as your Comprehensive Business Account Guide.pdf will be stored within you email account