

Bug Report for Orderific QR Code Web Page

Date and Time: September 18, 2024, 15:00 PM - 10:00 PM

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Duration: 7 hours

Test Environment:

- **Environment Details:**
 - Browser: Google Chrome Version → 128.0.0.0
 - Operating System: Windows 10
 - Orderific QR Code Web Page
 - Network: Wi-Fi, Mobile Data
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Testing Objectives:

- **Scope:**
 - **QR Code Generation Functionality:** Assess the process of generating QR codes to ensure they are created accurately based on user input.
 - **QR Code Scanning and Recognition:** Evaluate the effectiveness of QR code recognition across different scanning applications and devices.
 - **Link Redirection Accuracy:** Verify that generated QR codes correctly redirect users to the intended URLs without errors.
 - **Focus:**
 - **Usability and User Experience:** Examine the user interface for ease of use and intuitive design, ensuring that users can generate QR codes effortlessly.
 - **Error Handling and Edge Cases:** Identify and validate the application's response to invalid inputs and edge cases, ensuring that appropriate error messages are displayed.
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Test Approach:

- **Exploration Strategy:**
 - **Scenario-Based Testing:** Conducted testing based on real-world user scenarios, focusing on common workflows such as QR code generation, scanning, and link validation to ensure a seamless user experience.
 - **Exploratory Testing:** Engaged in random exploratory actions to uncover potential issues beyond predefined scenarios, aiming to identify usability concerns and unexpected behaviors within the application.
 - **Techniques Used:**
 - **Black Box Testing:** Conducted end-to-end testing of the user interface to evaluate functionality without delving into the underlying code.
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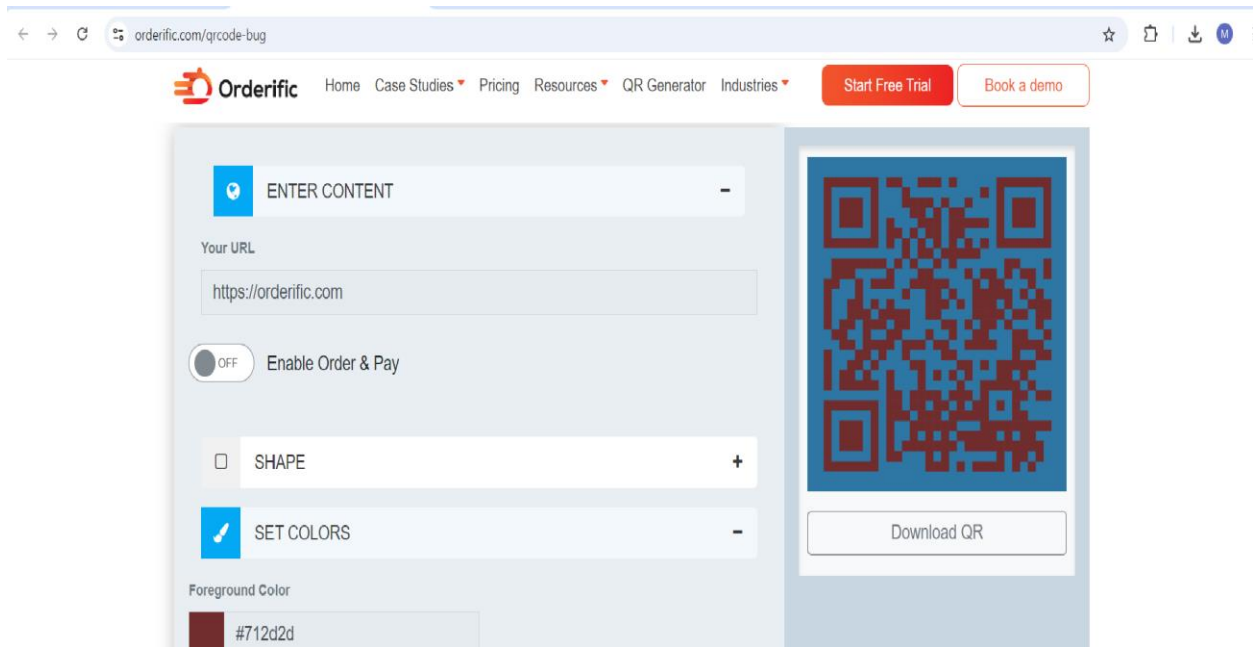
1. Introduction

This document presents a detailed analysis of the webpage located at <https://orderific.com/qrcode-bug>. As part of the assessment for the Quality Assurance Analyst position at Automated Pros, I have identified several bugs affecting the functionality and user experience of the page. Each bug is described in detail, along with clear steps to reproduce them, expected versus actual results, and visual evidence in the form of screenshots. This comprehensive report aims to demonstrate my attention to detail and analytical skills in identifying issues that may impact users.

2. Identified Bugs

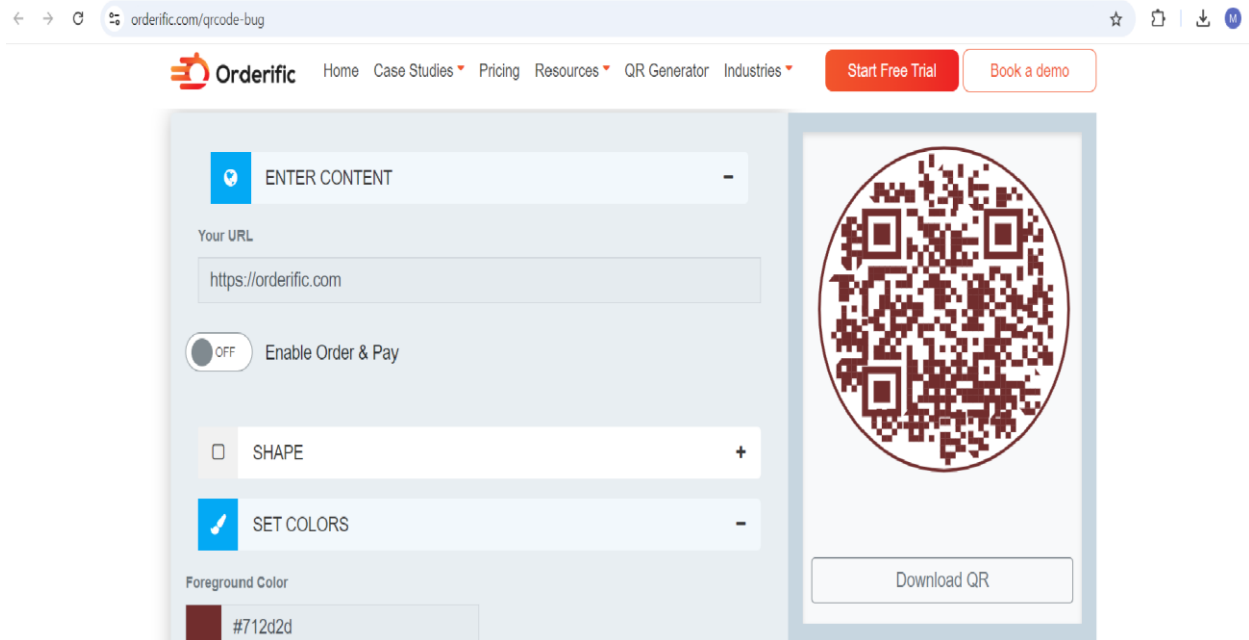
Bug 1: QR Code Not Recognizable Due to Color Contrast

- **Description:** The QR code is not easily recognizable because the foreground and background colors lack sufficient contrast.
- **Foreground Color:** #712d2d
- **Background Color:** #2e76a3
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Set the foreground color to #712d2d and the background color to #2e76a3 for the QR code.
 3. Observe the QR code displayed on the page.
 4. Scan the QR code using a QR code scanning app.
- **Expected Result:** The QR code should have clear contrast, making it easily scannable by devices.
- **Actual Result:** The combination of the dark foreground and background colors makes the QR code difficult to recognize and scan.
- **Screenshots:**



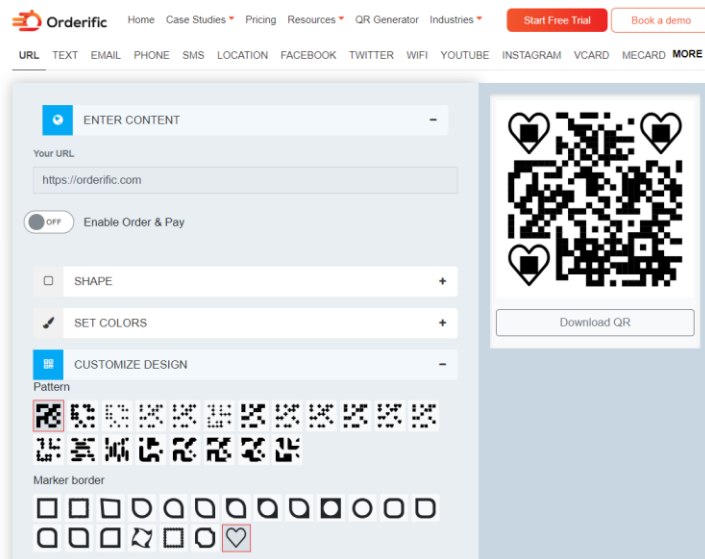
Bug 2: Background Color Does Not Change When Shape is Set to Circle

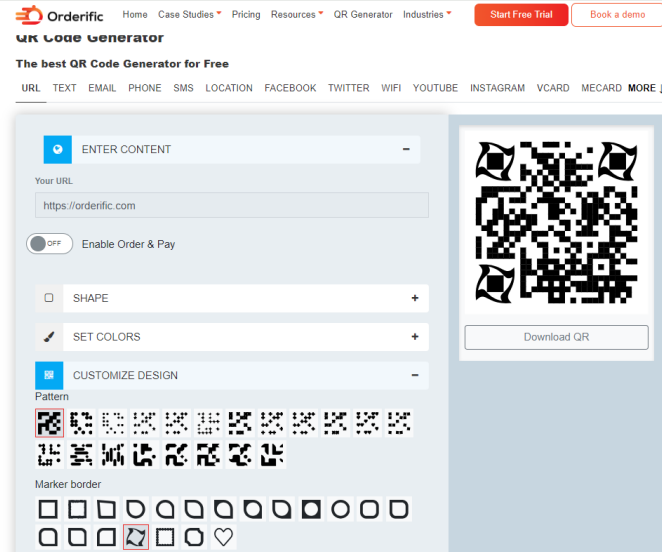
- **Description:** When the shape of the QR code is changed to a circle, the background color does not update and remains white.
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Set the foreground color to #712d2d and the background color to #2e76a3.
 3. Change the shape of the QR code from square to circle.
 4. Scan the QR code using a QR code scanning app.
- **Expected Result:** The background color should change to #2e76a3 when the shape is set to a circle.
- **Actual Result:** The background color remains white despite the change in shape.
- **Screenshots:**



Bug 3: QR Code Not Recognizable with Heart-Shape or another shape Marker Border

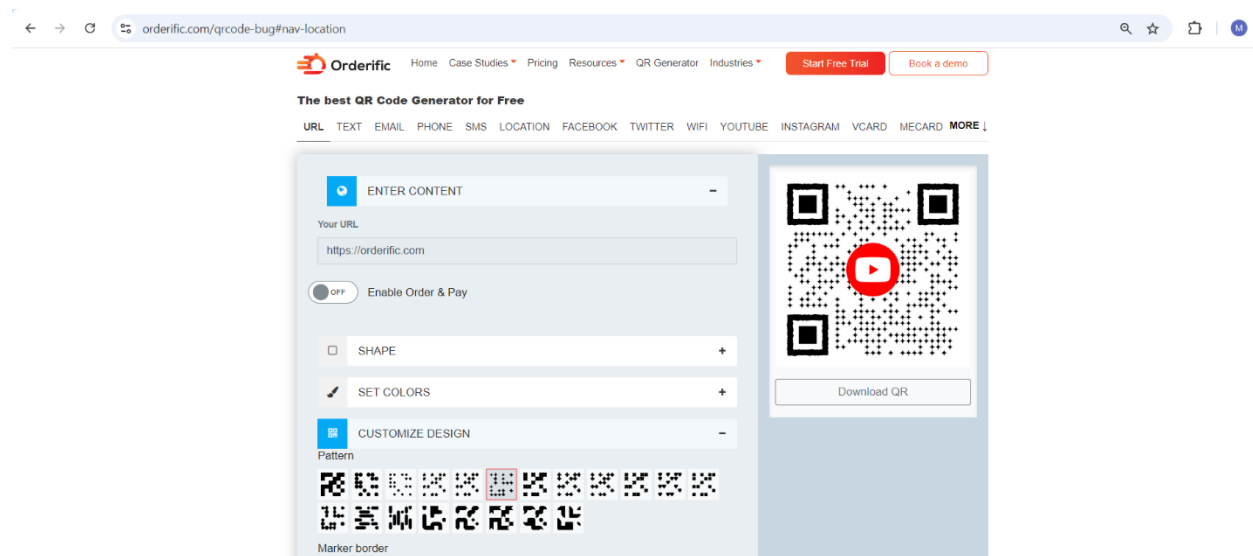
- **Description:** When the marker border is changed to a heart shape, the QR code becomes unrecognizable and cannot be scanned.
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Change the marker border to a heart shape or another shape that attached in screenshot.
 3. Scan the QR code using a QR code scanning app.
- **Expected Result:** The QR code should remain scannable regardless of the marker border shape.
- **Actual Result:** The QR code becomes unrecognizable and cannot be scanned with the heart shape.
- **Screenshots:**





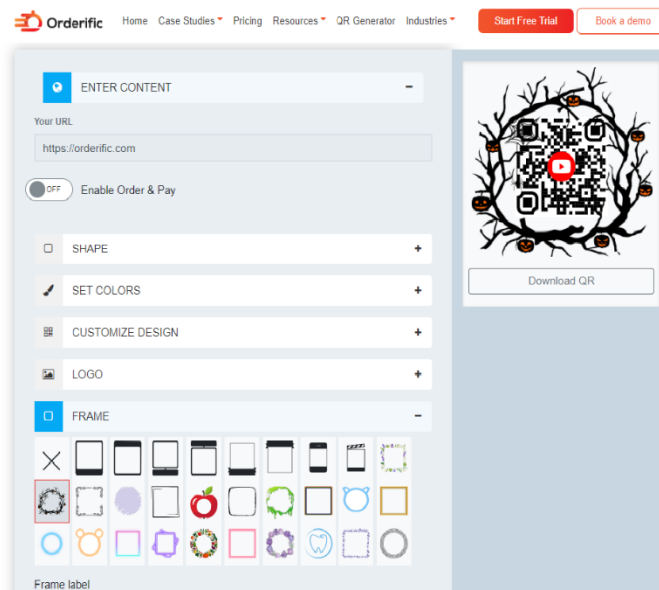
Bug 4: QR Code Recognition Issues with Pattern and Logo

- **Description:** When this pattern is applied to the QR code along with a logo (e.g., YouTube), the QR code becomes difficult to recognize and can only be scanned inconsistently.
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Choose this pattern for the QR code.
 3. Add a logo, such as YouTube, to the QR code.
 4. Scan the QR code using a QR code scanning app.
- **Expected Result:** The QR code should be easily scannable regardless of the pattern and icon used.
- **Actual Result:** The QR code is difficult to recognize and can only be scanned intermittently.
- **Screenshots:**



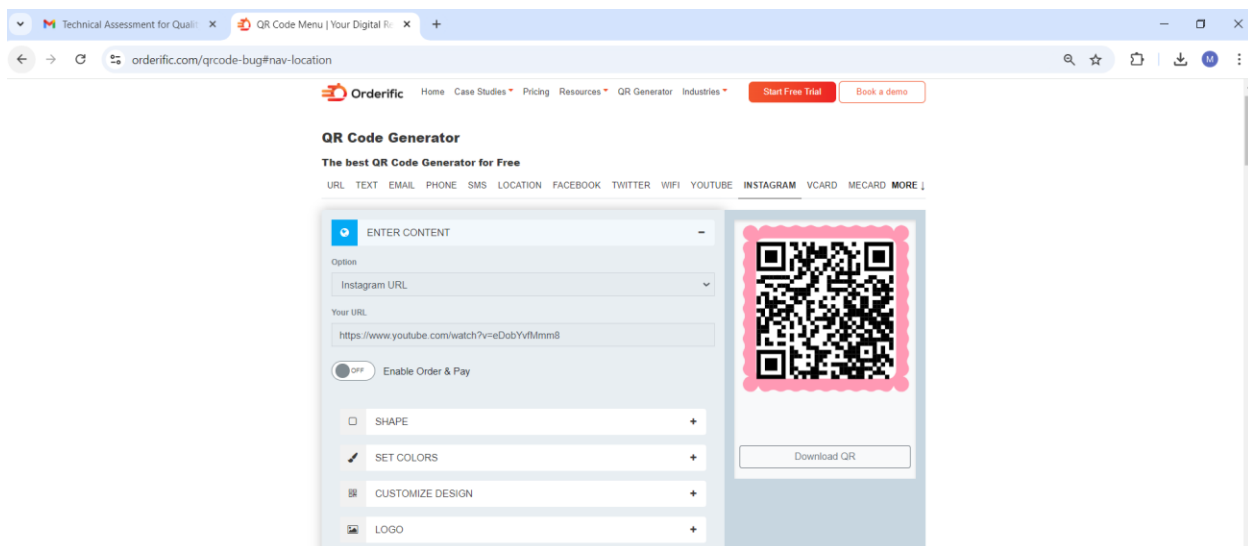
Bug 5: QR Code Not Recognizable with Selected Frame

- **Description:** When a specific frame is selected for the QR code, it becomes unrecognizable and cannot be scanned.
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Choose a specific frame for the QR code.
 3. Scan the QR code using a QR code scanning app.
- **Expected Result:** The QR code should remain scannable regardless of the selected frame.
- **Actual Result:** The QR code is unrecognizable and cannot be scanned when a specific frame is applied.
- **Screenshots:**



Bug 6: QR Code Redirects to Incorrect Social Media Link

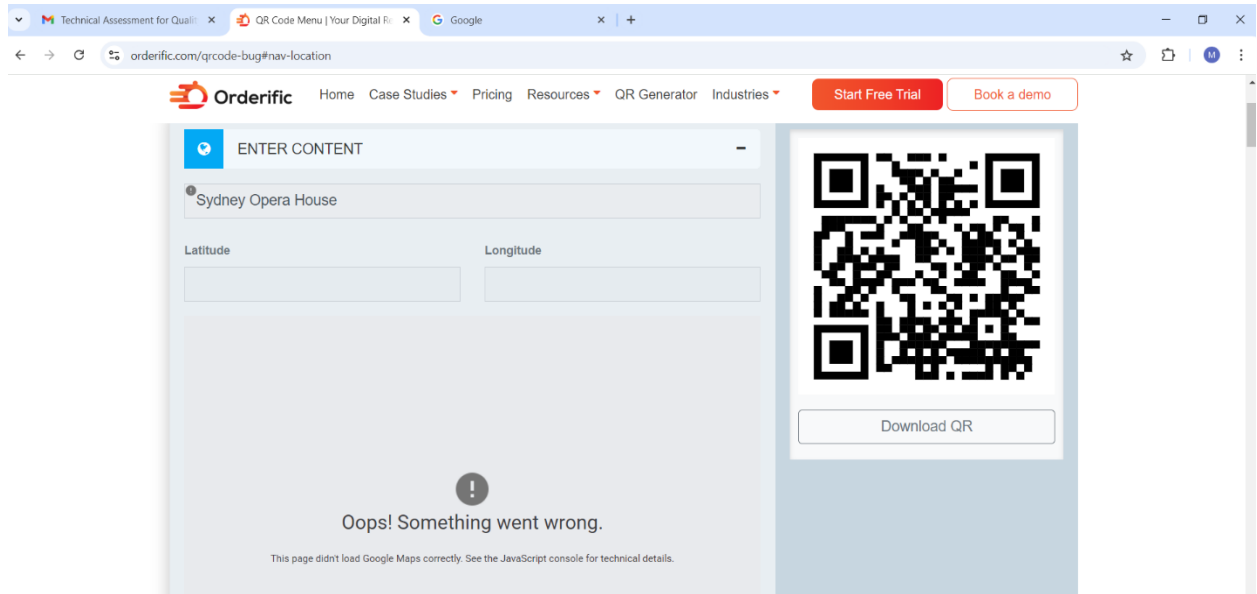
- **Description:** When generating a QR code with a specified link for platforms like Instagram, Twitter, or Facebook, the QR code should only redirect to that specific page. However, if a link for a different platform (e.g., YouTube) is mistakenly entered, the QR code redirects to that platform instead of displaying an error or failing to function. This issue is consistent across multiple social media platforms.
- **Steps to Reproduce:**
 - Go to the URL: <https://orderific.com/qrcode-bug>.
 - Enter a valid link for a different social media platform (e.g., <https://youtube.com/example>) into the QR code generator.
 - Scan the generated QR code using a QR code scanning app.
 - **Expected Result:** The QR code should either not function or show an error message if the link does not correspond to the expected platform (Instagram, Twitter, or Facebook).
 - **Actual Result:** The QR code redirects to the unintended page (e.g., YouTube), despite being labeled for a different social media platform.
- **Screenshots:**



Bug 7: Google Maps Error When Selecting Location

- **Description:** When entering a location in the text field and selecting it from the map, an error message appears: "Oops! Something went wrong. This page didn't load Google Maps correctly. See the JavaScript console for technical details."
- **Steps to Reproduce:**
 1. Go to the URL: <https://orderific.com/qrcode-bug>.
 2. Enter a location in the text field.
 3. Select the location from the map.
 4. Attempt to generate the QR code with the selected location.
- **Expected Result:** The selected location should be correctly processed without any errors.
- **Actual Result:** An error message appears, indicating that Google Maps did not load correctly.

- **Screenshots:**



3.Test Coverage

- **Areas Covered:**
 - **QR Code Generation:** Evaluated the functionality of generating QR codes with various parameters, ensuring accuracy and reliability.
 - **Scanning Functionality:** Assessed the effectiveness of QR code scanning across multiple devices and scanning applications.
 - **Link Redirection:** Verified the accuracy of link redirection when scanning QR codes to ensure users are directed to the correct URLs.
 - **Usability Testing:** Conducted assessments of the user interface to ensure intuitive navigation and overall user experience.

4.Recommendation:

- It is recommended to enhance the color contrast of the QR code to ensure it is easily scannable. Adjust the foreground and background colors to provide sufficient differentiation, allowing for better recognition by scanning applications.
- It is advisable to investigate the redirection behavior of the QR codes to ensure that users are accurately directed to the intended URLs. Implement appropriate error handling to display clear messages when an invalid or incorrect link is generated.

5.Conclusion:

- **Summary:**
 - This report identifies several critical bugs on the Orderific QR Code page that may significantly impact user experience. Addressing these issues should be prioritized to enhance the overall functionality and reliability of the application.
- **Overall Assessment:**
 - Resolving these bugs will not only improve usability but also ensure that users can effectively generate and scan QR codes without encountering obstacles. Please feel free to reach out for any further clarifications or discussions regarding these findings.