QR Code Generator

**Title:** QR Code Generator

**Abstract:** The present invention relates to a system and method for generating QR codes with enhanced functionality than barcodes. The system includes a user interface for creating and customizing QR codes, an image and media upload feature, a location for storing and managing QR codes and associated data in the device, and. The system provides a valuable tool for businesses and individuals alike.

**Background:** The present invention relates to a system and method for generating customized QR codes with enhanced functionality. QR codes are widely used for various purposes, including advertising, marketing, and conveying information. However, conventional barcodes do not offer multi-dimensional scanning and can’t store significantly more data than traditional barcodes. QR codes provide more flexibility. The present invention provides an QR code generator that enables users to create QR codes with enhanced functionality.

**Description:** The present invention provides a system and method for generating QR codes that can be used for various purposes, including marketing, advertising, and conveying information. The system comprises a user interface that allows users to customize QR codes by adjusting size, color, shape, and adding logos or images. The rendering engine generates QR codes in various formats.

The system provides the users to save the QR Code image in the device which they can use for advertising or marketing as per their required need.

The method of generating customized QR codes comprises the following steps:

1. Providing a user interface that allows users to generate QR codes.

2. Rendering the customized QR codes in PNG

3. Storing the generated QR codes in a user device.

The present invention provides a valuable tool for businesses and individuals for marketing and advertising purposes. The enhanced functionality of the QR codes allows for more effective communication of information and messages. The incorporation of images and media in QR codes enables businesses and individuals to create visually appealing and attractive QR codes that can attract more attention and generate more leads. The QR code usage enables businesses and individuals to determine the effectiveness of their marketing campaigns and make necessary adjustments to improve the results.

**Claims**:

1. A system for generating customized QR codes, comprising:

a. a user interface for creating and customizing QR codes;

b. a location for storing and managing QR codes; and

2. The system of claim 1, wherein the user interface allows for QR codes by adding the link or text.

5. The system of claim 1, wherein the location to stores and manages QR codes.

6. The system of claim 1, wherein the rendering engine generates QR codes in various formats PNG.

7. A method for generating customized QR codes, comprising:

a. providing a user interface for creating and customizing QR codes;

b. storing and managing QR codes and associated data in a database; and

c. generating QR codes PNG format.

8. The method of claim 7, wherein the user interface allows for generating QR codes by adding the text or link.

11. The method of claim 7, wherein the location to stores QR codes.

12. The method of claim 7, wherein QR Code generated is saved in the PNG format.

The system and method described herein provide a valuable tool for businesses and individuals alike by allowing for the creation of QR codes with enhanced functionality than traditional barcode. The incorporation of text and links into QR code makes this system particularly useful for marketing and advertising purposes. Additionally, the ability to store QR codes in a device allows for easy access and organization of QR codes.

**References:**

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