

# QR Code Generator

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**Abstract:** This research paper explores the development of a QR code generator using JavaScript, HTML, and CSS. QR codes have become increasingly popular in various fields, including marketing, advertising, and data sharing. The objective of this project is to provide a user-friendly tool for generating QR codes dynamically. The paper outlines the step-by-step process of creating the QR code generator. It begins with setting up the HTML structure, including the necessary input field and button for user interaction. The CSS styling is then applied to enhance the visual appeal and match the desired design. To generate the QR code, the project utilizes the "qrcode.js" JavaScript library, which offers a straightforward and efficient way to create QR codes.

**Keywords:** QR code generator, JavaScript, HTML, CSS, Research paper, QR codes, User-friendly, qrcode.js library

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