SMART QR CODE GENERATOR WEB APPLICATION

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CONTENTS

01

Introduction

Introduction

1   QR codes are two-dimensional barcodes that can store data for various applications.

2   The purpose of the Smart QR Code Generator Web Application is to provide users with an easy and efficient way to create, customize, and manage QR codes.
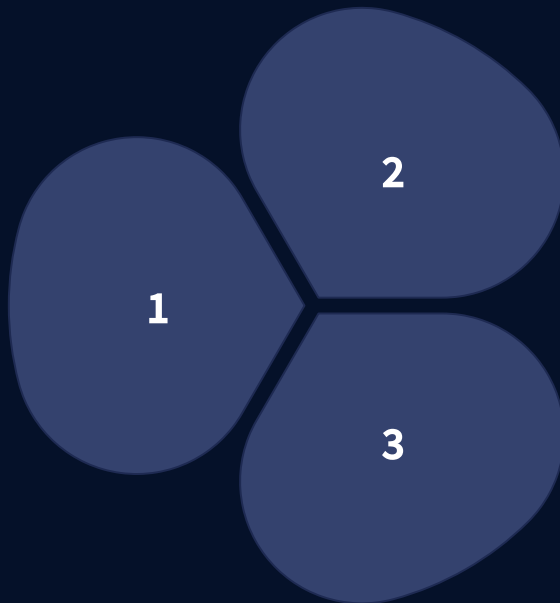
02
Project Features

Project Features

Time Stamp:
Current Date & Time
Constantly Running on our
Web APP.

1

2

Download: Options to download
QR codes in various formats.

3

Dark Mode: A user-friendly dark
interface available.

03

Tech Stack

Tech Stack

1 HTML: Structure of the web application.

2 CSS: Styling and layout design.

6 QRCode.js: Library to generate QR codes.

3 JavaScript: Interactive elements and functionalities.

5 LocalStorage: Save user-generated QR codes.

4 jQuery: Simplified JavaScript coding.

04

UI & UX Highlights

UI & UX Highlights

Mixed media: Incorporate screenshots with annotations for clarity.

Mobile-first design: Responsive layouts ensuring optimal user experience on all devices.
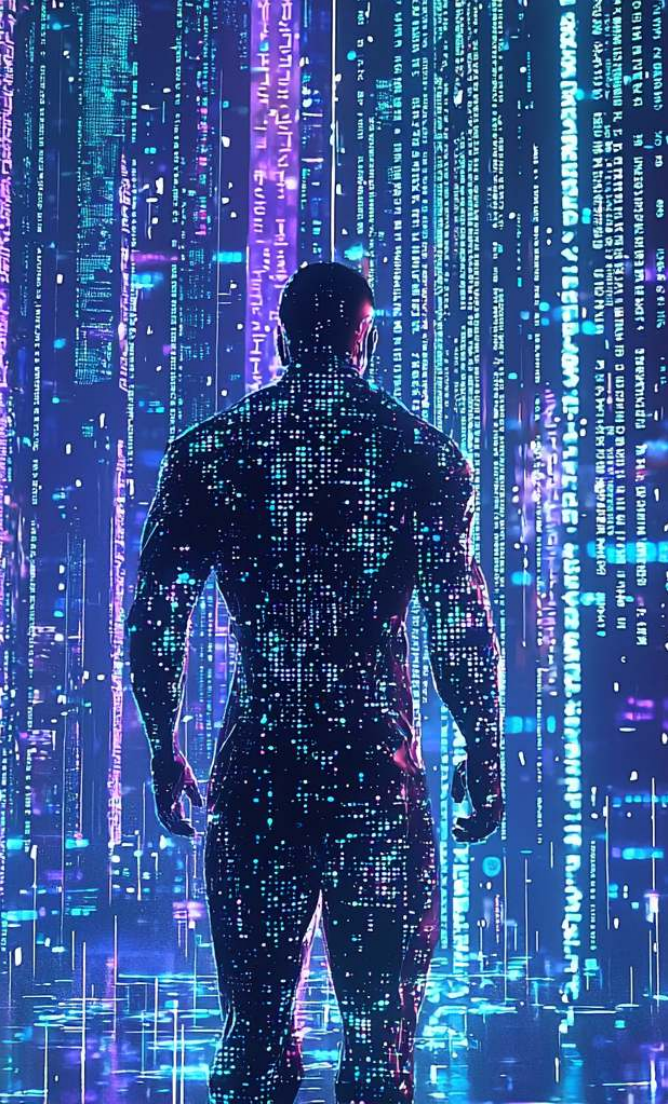
05

Dark Mode & Device Detection

Dark Mode & Device Detection

Smart Adaptation Features: Automatically switch between light and dark mode based on the user's preference or system settings.

06
Customization Options

Customization Options

1 Colors: Users can choose from a variety of color schemes.

2 Size: Option to adjust the size of QR codes.

3 Type Formats Supported:
- vCard
- Email

07
Timestamp

Timestamp

1 Smart Timestamp Display: Shows the date and time when the QR code was generated.

2 Download QR with TimeStamp: Downloads QR Image with Time & Date as File name for Easy Access.

08
Live Demo Workflow

Live Demo Workflow

Flowchart illustrating the steps from text input to QR code generation.
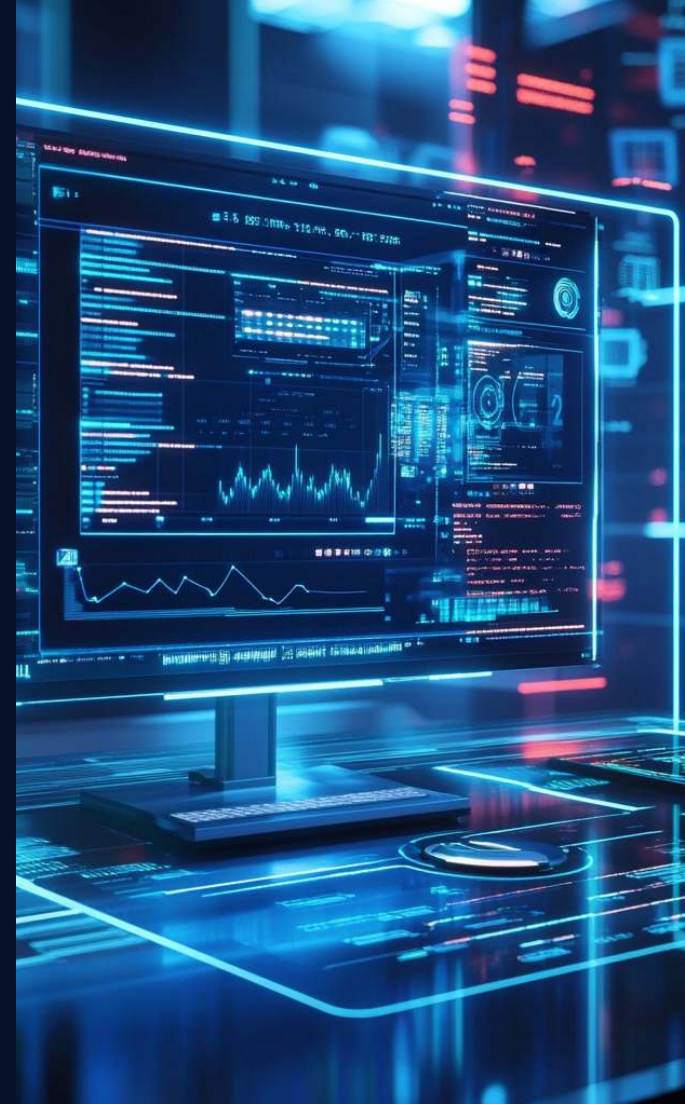
09
Challenges & Solutions

Challenges & Solutions

1 Highlighted technical hurdles faced during development, such as cross-browser compatibility and responsive design issues.

2 Solutions implemented to overcome these challenges, ensuring a seamless user experience.

10
Conclusion

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Summary of Benefits: Increased efficiency in generating QR codes, customization, and user-friendly design.

Possible Future Enhancements: Features like analytics on QR code scans and integrations with other applications.

Thank You