



# SMART QR CODE GENERATOR WEB APPLICATION

PRESENTED BY:  
VISHAL.V,  
THEENATHAYALAN.R,  
TAMIL AMUDHAN.S.T,  
BASAVARAJ.T,  
SASIKUMAR.S, NAVEEN.K

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# CONTENTS

1. Introduction
2. Project Features
3. Tech Stack
4. UI & UX Highlights
5. Dark Mode & Device Detection
6. Customization Options
7. Timestamp
8. Challenges & Solutions
9. Conclusion
10. Thank You

The background is a dark blue gradient with a pattern of glowing binary digits (0s and 1s) and horizontal lines of varying lengths, suggesting a digital or data theme.

01

# *Introduction*

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# 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.





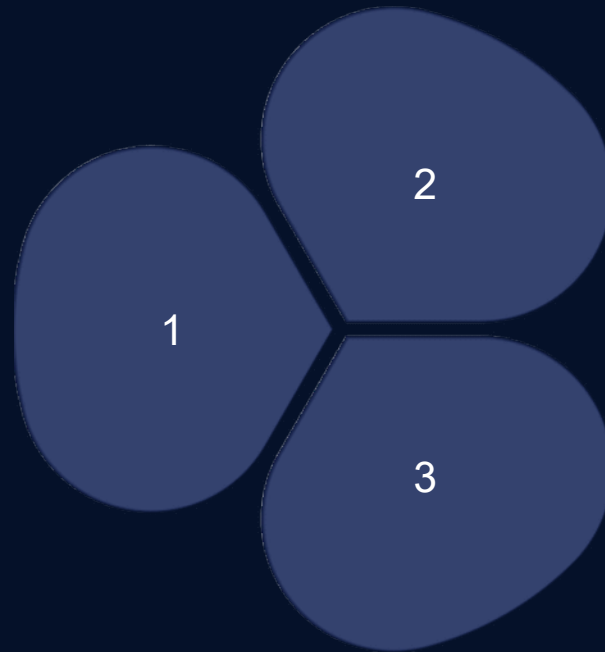
02

## *Project Features*

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# Project Features

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



Download: Options to download QR  
codes in various formats.

Dark Mode: A user-friendly dark  
interface available.



03

*Tech Stack*

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# Tech Stack







04

## *UI & UX Highlights*

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# 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*

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# Dark Mode & Device Detection

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

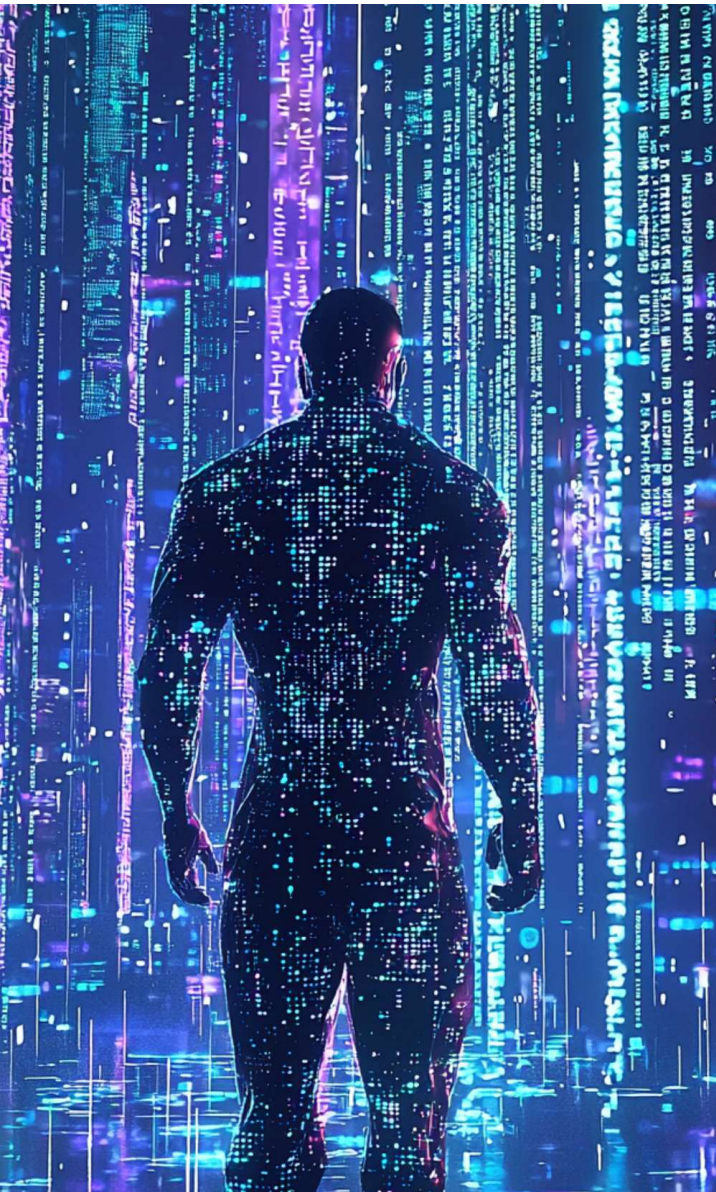




06

## *Customization Options*

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# 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

The background is a dark blue gradient with a perspective effect. It features vertical lines that recede into the distance, overlaid with a pattern of white and light blue binary digits (0s and 1s).

07

*Timestamp*

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# 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.





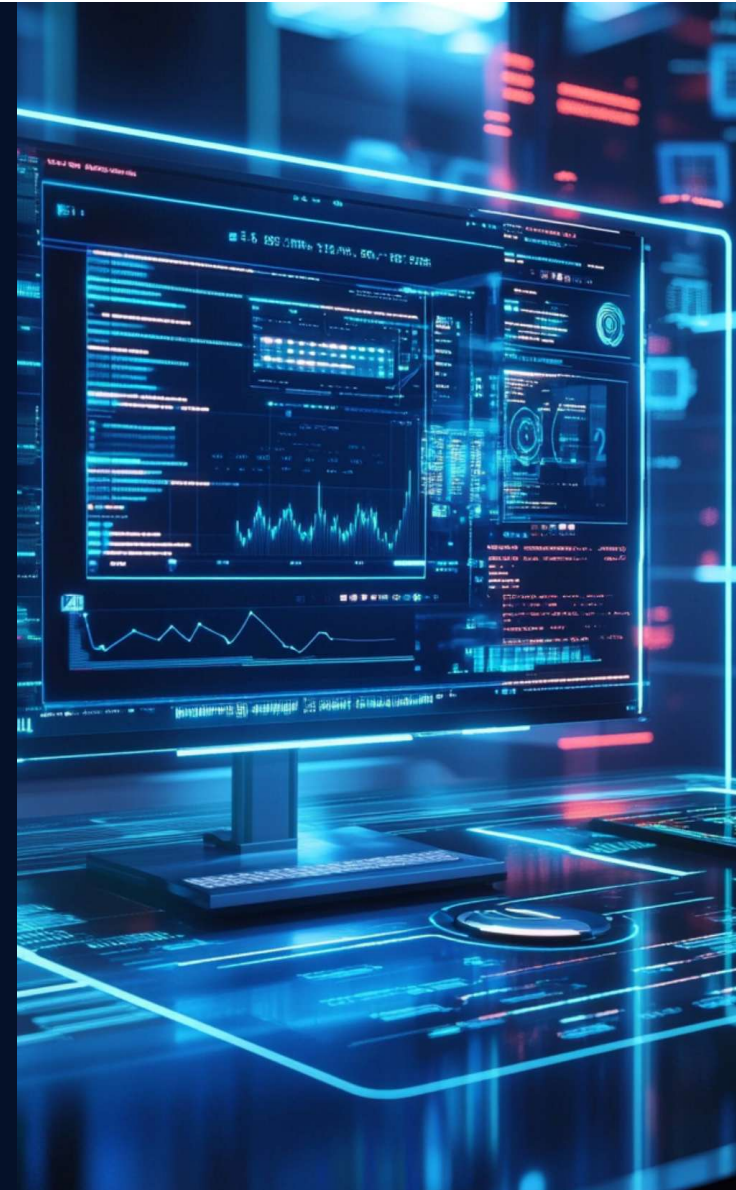
08

## *Challenges & Solutions*

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# 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.





9

*Conclusion*

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# Conclusion



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.



A photograph of two dandelion seed heads against a dark blue background. The seed heads are white and fluffy, with thin stems. The text "Thank You" is overlaid in white, centered between the two seed heads.

Thank You