DECLARATION

I hereby declare that the project entitled "QR-SITE" which is submitted by ***Mr. Sanidhya Gupta*** *and* ***Mr. Sanskar Vijayvargiya*** for the partial fulfillment for the award of degree of Master of Technology(IT) 5 Years of International Institute of Professional Studies, Devi Ahilya Vishwavidyalaya, Indore, comprises our own work and due acknowledgement has been made in text to all other material used.

Signature of Student: ……

Date: …….

Place: …….

CERTIFICATE FROM GUIDE

It is to certify that dissertation on "QR-SITE", submitted by ***Mr. Sanidhya Gupta*** *and* ***Mr. Sanskar Vijayvargiya*** for the partial fulfillment for the award of degree of Master of Technology(IT) 5 years of International Institute of Professional Studies, Devi Ahilya Vishwavidyalaya, Indore has been completed under my supervision and the work is carried out and presented in a manner required for its acceptance.

Project Guide

Signature: ……

Name: ……

Date: ……..

ACKNOWLEDGEMENT

Every project big or small is successful largely due to the effort of a number of wonderful people who have always given their valuable advice or lent a helping hand. I sincerely appreciate the inspiration, support and guidance of all those people who have been instrumental in making this project a success. I “Sanidhya Gupta” and “Sanskar Vijayvargiya” the Students of IIPS (IT) are extremely grateful for the confidence bestowed in us and entrusting our project entitled ***“QR GENERATION WEBSITE”***

I feel deeply honored in expressing my sincere thanks to “DR. Nitin Nagar” for making the resources available at right time and providing valuable insights leading to the successful completion of my project.

I would also like to thanks all the faculty members of IIPS for their critical advice and guidance without which this project would not have been possible**.**

APPROVAL CERTIFICATE FOR EXAMINER

It is to certify that we have examined the project on "QR-SITE", submitted by ***Mr. Sanidhya Gupta*** *and* ***Mr. Sanskar Vijayvargiya*** for the partial fulfillment for the award of degree of Master of Technology(IT) 5 years of International Institute of Professional Studies, Devi Ahilya Vishwavidyalaya, Indore and hereby accord our approval of it as a study carried out and presented in a manner required for its acceptance.

Internal Examiner

Signature**:** _____

Name**:** _____

Date**:** _____

External Examiner

Signature**:** _____

Name**:** _____

Date**:** _____

ABSTRACT

The QR Code Generator project represents an innovative solution for users seeking a versatile and customizable tool to generate QR codes for a variety of purposes. This web application, built using Flask, Python's micro web framework, provides a user-friendly interface where individuals can input data, select color preferences, and even incorporate logos to create visually appealing QR codes. The generated codes can be downloaded in both PNG and PDF formats, offering flexibility for different use cases. The project integrates various technologies, including the qrcode and Pillow libraries, to dynamically generate QR codes with added features such as customizable headings. This abstract encapsulates the essence of a project that not only simplifies QR code creation but also introduces an element of creativity and personalization.

EXECUTIVE SUMMARY

The QR Code Generator project aims to simplify and enhance the process of generating QR codes by providing a comprehensive and user-friendly web application. The system allows users to input data, customize QR code aesthetics through color selection, and even upload logos for a unique touch. Noteworthy features include the dynamic incorporation of headings and the ability to download codes in either PNG or PDF formats. Built on Flask, the application leverages Python libraries such as qrcode and Pillow to facilitate seamless code generation and customization. The executive summary underscores the project's commitment to user convenience, creative expression, and adaptability across various contexts.

FOREWORD OR PREFACE

In presenting this QR Code Generator project, we embark on a journey that merges technological innovation with user-centric design. The creation of this web application signifies a response to the increasing demand for dynamic and personalized QR codes. The implementation of Flask and Python libraries reflects a commitment to simplicity and efficiency, ensuring that users, regardless of technical expertise, can effortlessly generate QR codes tailored to their needs. We invite readers to explore the intricate details of this project, unveiling the collaborative effort that went into crafting a tool that not only meets functional requirements but also introduces an element of creativity to the often-utilitarian world of QR codes. This foreword sets the stage for an exploration of the project's evolution and the underlying principles that have guided its development.