**CHITKARA UNIVERSITY**

**LAB EVALUATION PROJECT**

PROJECT DETAILS

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| Group Name | **G29(B)** |
| Project Title | QR Code Generator |
| Team Leader | Tanishq Tyagi |
| Details of Work division | |  |  | | --- | --- | | **Student/rollno** | **Work / Role Allotted** | | Tanishq Tyagi | coding | | Tanish Dalal | Presentation | |  |  | |  |  | |  |  | |
| High level Approach to be followed:   * Share the details in points | To code qr code generator, we import predefined module code.Generator module receive the input from the main module and generate the qr code,it store the generated qr code in hard disk in .png format.  We will be using Image and QRcode modules in python to build this project |
| Lower level Approach to be followed:   * Share the details in points | Steps to build QR Code generator in python:  1)Importing the module  2)Creating the main window  3)Taking the input of text/URL,location to store the qr code and the size of the qr code  4)writing the function to generate and save the qr code |
| Advantage of the project with applicability:  Highlight the unique feature(s) of the project if any | 1. QR codes promote sharing and networking: qr code can be used to link your social media profile directly with the other person for better accessibility 2. They can be used as a call to action: qr code can be linked to trailers,audio,commentary or videos, where scanning it can lead people directly to you 3. They can enhance your Social Media Optimization :it can help with your search engine optimization by increase in traffic to searchable objects and you can optimize them by encouraging even more sharing |
| Schedule for implementing the use case:   * Share the Tentative Date of Completion of Expected Deliverables | |  |  | | --- | --- | | **Deliverable** | **Expected Date of Completion** | | Basic framework and basic UI | 30.11.2022 | | Output page in progress | 07.12.2022 | | Project submission | 15.12.2022 | |  |  | |
| Future scope of the project   * Share the details in points | 1)With time many businesses will be seen incorporating this technology to ensure smart operations.  2)in coming time QR codes will be used for coupon redemption alone. That only indicates a bright future for qr codes |

**DOCUMENT HISTORY:**

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| Created By | Tanish Dalal and Tanishq Tyagi |
| Approved By | Ms. Shilpi Garg |
| Month of Creation | November |