

PROBLEM STATEMENT

With the increasing use of QR codes in daily life for accessing websites, making payments, and sharing information, users often scan them without verifying the content they point to. This creates a significant **security risk**, as QR codes can easily **embed malicious URLs** that lead to phishing sites or download harmful software.

Currently, most devices **automatically open the encoded link** after scanning a QR code, without providing any intermediate safety checks. While there are tools to verify URLs manually, there is **no widely available solution** that allows users to **scan a QR code and check the safety of the embedded URL before visiting it**.

This project aims to solve that problem by building a web-based application that enables users to scan QR codes, **view the embedded URL**, and verify its **safety using trusted external services, before** deciding whether or not to proceed.

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