Smart Visiting Card

Team : Brute Force

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GitHub Repo :

https://github.com/TweshaSatia/Flutter_Events_BruteForce

Figma File :

https://www.figma.com/file/BoU6LZdqCfzpzH7j5ekrva/LinkedIn-Connector?node-id=0%3A1

Introduction:
The purpose of Smart Visiting Card is to auto connect with people across the world on the linkedin app via scanning the qr code.

Features:
The application has a registration form which stores the data entered by the user into local storage.
The QR Code is generated dynamically on the basis of the details entered like linkedin profile id entered by user at the time of generation.
On scanning any qr code or generated qr code, the user will be redirected to the respective url if it is a valid one. In our case the user will be redirected to the linkedin profile whose qr code has been scanned.
Our application will first ask for the permission to access the camera for scanning the qr code. It also has features of pausing and resuming the camera.
Consists of three pages :
1. Registration Page
2. Home Page
3. Scan QR Page

Tools and Technologies Used :
1. Flutter framework - Dart language

Packages used :
- get_storage -
  - This is a light-weight package which stores data in key-value pair format. Hence, we have used this package to store our app data into local storage.
- barcode_widget
  - This package is used for simple and fast Barcode rendering. We have used it to generate qr code.
- qr_code_scanner
  - This package is used for scanning the qr code seamlessly
- url_launcher
  - The URL Launcher is a Flutter plugin that allows your applications to launch web browsers, map applications, dialer applications, mail applications, and so on.
- flutter_lints
  - A linting library to write code using good coding practices

Installation :

Download apk and install it on your device.

Usage

- Once the user has downloaded and installed the application, the user will be redirected to the Registration Page first.
- The user will have to enter Name, Email ID (Valid) and the LinkedIn Profile ID based on which the QR will be generated after registering.
- Navigating to the Home Page after registering, we will have the generated QR Code and the button to expand the network by connecting to other users.
- On clicking Expand your network, User will be navigated to the page which will provide the option to scan the Virtual QR Code.
- Once scanned, users will be redirected to the respective URL if the QR Code is a valid QR Code.
- Alongside, User can pause and resume the camera as per the requirement
- Camera can be flipped front or back on the basis of the requirement from where the user wants to scan the QR Code
- Next, the user will be on the redirected URL and can perform the actions needed.

HAPPY CONNECTING!