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Visiting Card Creation using Android Studio

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ABSTRACT: The project "Visiting Card Creation" is to prepare a card on any platform to and for anyone. This application consists of the basic categories like Create, Ideas, Instance card, Rate and feedback etc. Basically, visiting cards holds information regarding company, business or an individual. They are shared during meetings with clients and people around to share their required information with them. A visiting card typically holds all the information like the company name, Business name, the name of giver, contact number, websites, the company logo, images related, fax number, email address and the company address. Before the advance technology of electronic communication visiting cards might also include telex details. Now people can even add their websites links of Twitter, Facebook, Instagram. Traditionally, cards were simple black text on white stock, and with a simple design. In the 20th century, technology advanced drove changes in style, and today a professional visiting card will often include one or more aspects of striking visual design to be effective and attractive.

KEYWORDS: Visiting card, Cards, Business, Android, Android Studio, Application, Software.

I.INTRODUCTION

A visiting card is an essential tool for personal marketing. Many employees carry their cards while exchanging them in meetings, to make others aware of their business and their position in the organization. It is the sharing of these contact details that people find ease in connecting with potential clients while bringing them onboard.

When a card is exchanged, one of the two things happen; either it gets tossed away in the person's wallet while being forgotten forever or it gets the consideration it is meant to have. Option one could be terrible for a business that wishes to expand its horizons by gathering more clients whereas; the second option could be the best that could come to a business. So looking toward this we thought if we can make the card more precise and efficient to use, so we added up the QR code technique, so that even with the traditional card you can now be digitalized via QR Codes. If you barely want to exchange the card the person can scan you code to get all your details mentioned with them in a glance of time.

A visiting card is a means of sharing contact information. Visiting cards can be created on any platform and are often times more affordable. Like typical visiting cards, electronic visiting cards can be customized, designed, and shared with anyone. There are no space constraints with digital cards—you can add as much or as little information to your card as you'd like. In addition to your normal contact information (like your name, company, email, and phone number) you can enrich your card with a photo or video, a logo, social media profiles, and more.

This project aims to enhance the traditional Visiting Card and make it more effective and compatible with the current technology. The digitalization of information will be done by implementing the QR codes. QR codes are serving as a media to store information and exchange information with other parties. This project is also aimed to reduce the time of storing and retrieving the information on visiting cards. This project is not only to increase the effectiveness of visiting card but also aims to ensure the accuracy and reliable of the information, where all the information provided is always up to date.

Figure 1 Example for QR Code visiting code.

The Visiting-Business Card with QR code market is valued at million US$ in 2017 and will reach million US$ by the end of 2025, growing at a CAGR of during 2018-2025.

This Market Report includes drivers and restraints of the Visiting Card with QR market and their impact on each region during the forecast period. The report also comprises the study of current issues with consumers and opportunities. It also includes value chain analysis.

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, Visiting-Business Card market share and growth rate of Visiting Card for each application, including-

1)Educational Institutions   2) Business
3) Government   4) Others

A novel way to enhance traditional visiting cards is to interact with mobile application. This project develops a mobile application to solve the limitation of using the traditional visiting-business cards. Scope of this project includes a system that is able to change information into digital format. This shall occur by having Quick Respond (QR) Code to represent the cards information in digital format. The digitalized information is able to extract directly into the mobile devices. In addition, this project also provides a server part that is able to store all the visiting cards information. Furthermore, it could allow synchronize of information through the server.
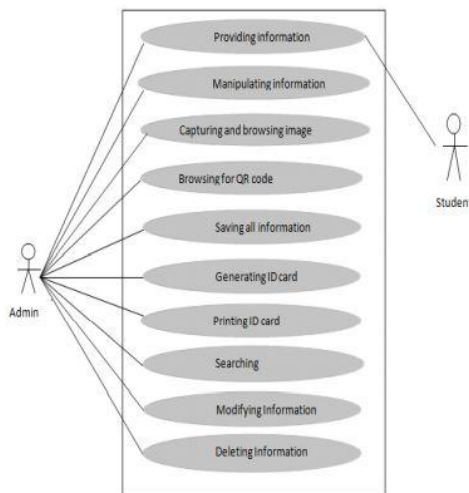

Figure 2 Use case diagram for execution process

II.LITERATURE SURVEY

Visiting cards are cards bearing business information about a company or individual. They are shared during formal introductions as a convenience and a memory aid. A visiting basically includes the giver's name, company name, address of the company, telephone or any contact details, email addresses, logo, now they can even share their social media profile and company profiles on it. Moreover, they can add their video and photo link to represent more effectively

In this fast moving and changing era, everything is upgrading. So, people want something more efficiency and comfortability. Visiting card that can be saved as a contact in any smartphone. It makes a lot of sense to include a visiting Card QR code on your business cards to make it super easy for the recipient of the business card to scan it and save your contact in a jiffy.
As we are using the QR codes in this here aresome of the advantages and disadvantages of the QR code:

Advantages of QR codes:
 When it is online then it can read anything and all is done with the help of the camera and sensor of the cell phone. With a QR reader such as QR reader, the QR code can easily give the link of the details of the product. One can easily download the QR code reader by downloading it from online and it is totally free. Camera
needs not to be lined-up to read the QR code in a particular way. People may think that the scanner must have to be lined up rightly which is wrong. But point to be noted that
the user's hand must be stable for a couple of minutes and then the QR code will show the link.
Disadvantages of QR codes:
 User must have camera phone and right kind of software installed into mobile phone. Problem is only the work can be done using the smart phone that can take and read image of QR code. Many people have mobile phone with cameras but the cameras are unable to read and phone does not support QR reading software. Smart phones are comparatively expensive than that of the other phones available in the market. Young people are aware of technology and they are using it but it is a real problem for people above 50s as they are unaware about this and unable to use and take advantage of this technology.

     Used case diagram:
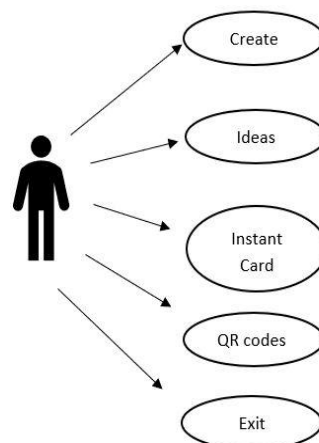This enhances the categories in which theapplication is divided.

Figure 3 Categories in which the application is divided.

III.PROPOSED METHODOLOGY

There is no question, visiting cards are still the quickest way to exchange information in face-to-face meetings. You meet someone, and 5 seconds later, that person has all the information they need to reach out back to you inside the pocket. That's the power of visiting cards, and that's why visiting cards are still a key sales and marketing tool. Being

aware of this concept we team members thought to have some addition in such visiting- business cards. The Quick Response code (QR code) is one of the world's most popular types of scannable barcodes. These funny-looking codes can be printed on virtually anything and quickly read by smartphones, working as scannable buttons or links that bridge the real world with the digital universe. So with this thought in mind we got the idea of our project and that's the visiting card creation, in addition we decided to add the QR codes in the visiting cards.

IV.RESULTS
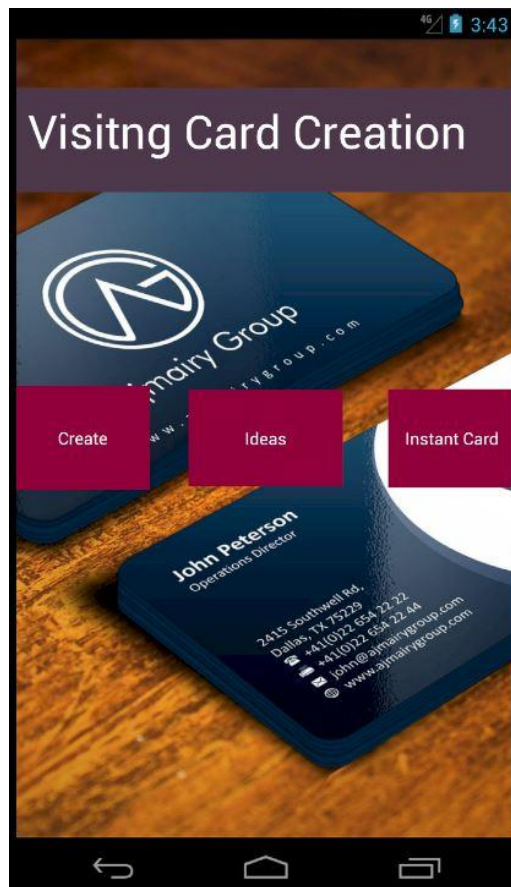
Figure 4 Image of Main Screen
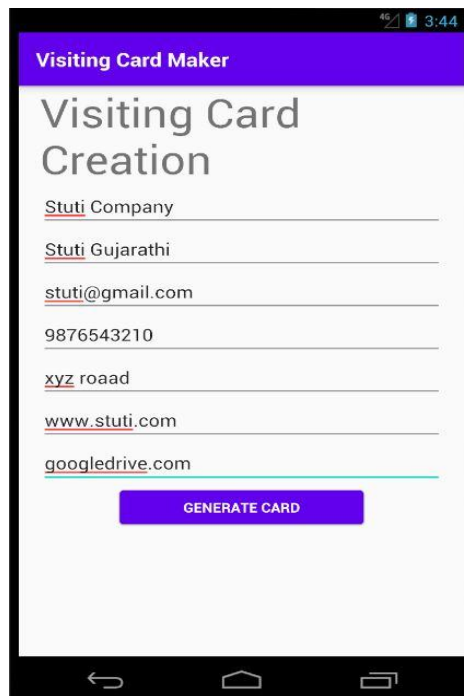
Figure 5 Image of ideas category

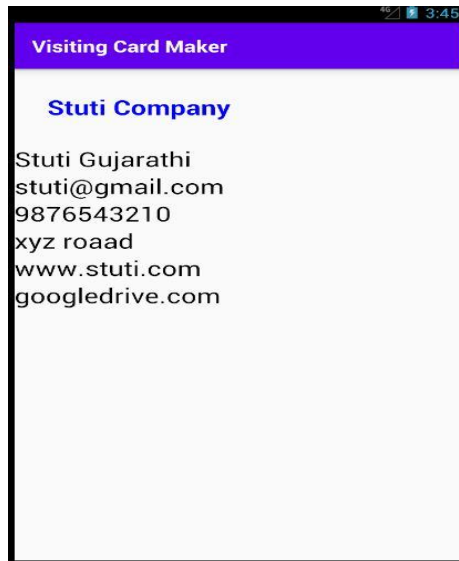Figure 6 Example of Instant Card Creation

Figure 7 Example of Instant Card Creation

Figure 8 Example of working of application in mobile with QR code.

V.CONCLUSION

By viewing all of the above analysis and result it can be said that the product is a GUI based system with highlyefficiency.After completing the project, we can make the surety of overcoming the problems of the existing system. Advanced QR coded visiting card is being made computerised to increase efficiency and reducing of error of human being.

VI.ACKNOWLEDGEMENT

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