SHOP EASY

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Abstract

Offers are the main thing which attracts the customers but when people go for shopping in cities, one thing everyone experience is the crowd. Crowd makes it difficult for the people to go to each shop and check out the best offers (deals) the shopkeepers are offering. So to avoid this problem, we have come up with an idea to design an app which tells us the best offers the shop is providing just by scanning the 2D barcode in front of the shop provided by them. Usually when we go to shopping we have to enter each and every shop to know the best offers we can get. This makes it very time consuming and difficult for shopping as customers. The shop-easy app always provides the facility to check the details of products stored in a shopping mall without wasting time. Both user and shopkeeper have the role to accomplish this task. If consider the case of the shopkeeper, he/she has to enter the product details, price and offers. After that entering of the details, that will store into the database and also generate the QR code of the particular information. That will show in to the user while he/she scan the QR code. This is the main working procedures included in our app.

Keywords: QR code(2D barcode)

INTRODUCTION

In this era of technology smartphones play a significant role in our day to day life. Nowadays smartphones can solve most of the problem very quickly and easily. It has made life of every person simple and easier with different social app, commercial app, problem solving app, app for education and marketing etc. A retailer or a shop is a business that purchasing the products and offers to sell them consumers for profit. The consumer does not need to consume his energy by going out to the stores and saves his time and cost of travelling.

A shopping mall or stores, is a collection of goods and service designed to serve items and services to outside world .The modern shopping is now different from its antecedents, the stores are commonly in individual buildings or compressed into one large structure (Mall).The shopping experience may change, based on a variety of factors including how the consumers is treated, convenience, the type of items being purchased, and present situation.

Here we are introducing the app"SHOP-EASY", which is very helpful for the customer to purchase products from the supermarket easily. Shopping online is pretty much the way to shop these days. We are providing such facilities like availability of the products, offers related with each brand, price etc. For retailers, persuading consumers to download and use their mobile apps is the holy grail of online shopping. The above section is related with the downloading problem which connects with the user's point of view. But actually our app is very easy to use and understanding which and all thing are containing in a shop before we entering in to the shop. Offers are the main thing which attracts the customers but when people go for shopping in cities, one thing everyone experience is the crowd. Crowd makes it difficult for the people to go to each shop and check out the best offers (deals) the shopkeepers are offering.

So to avoid this problem, we have come up with an idea to design an app which tells us the best offers the shop is providing just by scanning the 2D barcode in front of the shop provided by them. Usually when we go to shopping we have to enter each and every shop to know the best offers we can get .This makes it very time

consuming and difficult for shopping.

METHODOLOGY

Our proposed system is not used for the online shopping. It is mainly used for the path to find the products very easily when we are facing some problems when we are appearing in the shopping time. If we are entering one shopping mall, we don't have no idea about the products, brands, and also the offers that is to be offered by each brands .These information always provides better shopping with satisfaction and also it gives the time consuming processes. Because if you have tight schedule the shopping time is very less .In that cases ,this app provides better shopping within proper time and also with better profit.

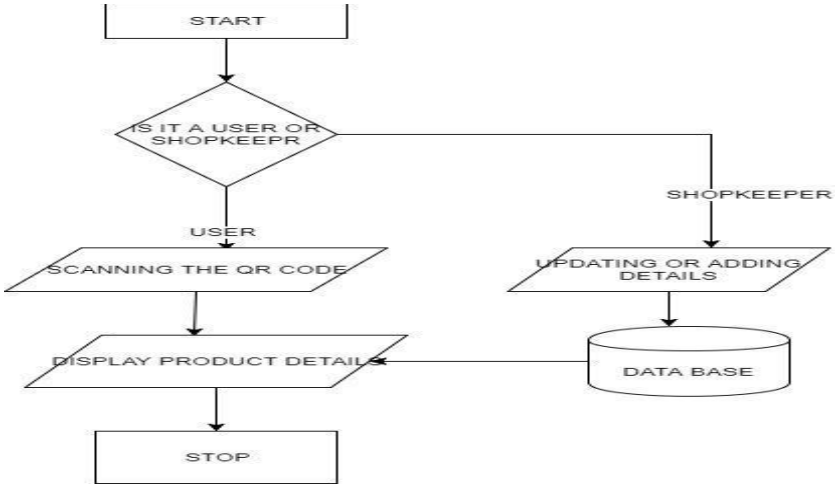

Figure .1 Flow chart of the proposed system

As in the case of our app "SHOP-EASY", we implemented the application with more user friendly and also this will provide the information about the product details. If we consider he/she wants to buy something from the mall, the user go to the shopping mall and searching for the product with suitable brand. After searching lot of time, he/she will understands that the product is not available with corresponding brand. These type of problems are eliminated by our app "SHOP-EASY".

Here we are establishing the user friendly app, which will give the information about the products details in the shop. The customer can scan the QR code which is generated by our app that will give the information of the entire products details with their offers and also the available brand names. Before that shop keeper should have to enter the details that will generate the QR code and also the information are stored in the database for retrieving the data while the user scan the QR code.

USER INTERFACE

Each user can access the SHOP-EASY app and the information related with shopping item details will provided by the app when the user scan the existing QR codes. In the user interface, always access the app directly by the user for fetching the details of the purchasing item and other details like price, brand name, offer, etc. The generated code of each shopkeeper will updated with shopkeepers already registered in our app. Because of that currently available item prices and also the offers given by shops likewise information are readily available by our SHOP-EASY app.

SHOPKEEPER INTERFACE

In the shopkeeper interface, each shopkeeper has its own login name and the password to sign in our app. If the shopkeeper is authenticated one, the shopkeeper has to do two things, the first thing he/she can enter the product the details which all are available now in the shopping market with its price and offers. The second thing is to update the already existing information regarding the purchasing items in the shop .If the shopkeeper is entering into the app with it shown id, then he should have to sign out after entering or updating the details regarding the items which is available for marketing.

DATABASE

After the complete entry of the information by the shopkeeper, the database will generate one

QR code corresponding to the details to be entered. Related with each QR code and the total data that's is to be entered and which shopkeeper is entering the information, from where it is added etc. These type of information are stored by the database. If one user want to scan one QR code, first thing is the fetching of data from the database. After that decode the information into text, then we will show into the user interface. When shopkeeper is entering the information to the app, That information are also stored in the database for retrieval purposes.

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FINDINGS

Crowd makes it difficult for the people to go to each shop and check out the best offers (deals) the shopkeepers are offering. So to avoid this problem, we have come up with an idea to design an app which tells us the best offers the shop is providing just by scanning the 2D barcode in front of the shop provided by them. Usually when we go to shopping we have to enter each and every shop to know the best offers we can get. This makes it very time consuming and difficult for shopping as customers. The shop-easy app always provides the facility to check the details of products stored in a shopping mall without wasting time. Both user and shopkeeper have the role to accomplish this task. If consider the case of the shopkeeper, he/she has to enter the product details, price and offers. After that entering of the details, that will store into the database and also generate the QR code of the particular information. That will show in to the user while he/she scan the QR code.

CONCLUSIONS

In this modern world, smartphones play a significant role in our day to day life .Nowadays smartphones can solve most of the problem very quickly and easily. It has made life of every person simple and easier with different social app, commercial app, problem solving app, app for education and marketing etc. A retailer or a shop is a business that presents a selection of goods and offers to trade or sell them to customers for money or other goods. Shopping is an activity in which a customer browses the available goods or services presented by one or more retailers with the intent to purchase a suitable selection of them. SHOP-EASY is a complete solution for purchasing an item from the shop directly. If the customer wants to reduce the purchasing time, use this app as the better solution for time consuming. Usually most of the time is used for the searching everywhere for our satisfied product with its own brand. For that purpose only we spent plenty of time in a shopping mall. Mainly this kind of problem is avoided by our app "SHOP-EASY".

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