G-Smart Solution

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ABSTRACT

Mobile devices these days have gradually become more powerful and distributive, influencing our daily lives on a larger scale. Android, which has proven to be one among the best mobile-based application development platforms, provides the developers with many APIs and tools for the development of Android applications. We intend to develop a handy app which allows all merchants to set their goods price and offer the minimum price to consumer after applying the GST and make it accessible to all the punter to know about which retailers offer the goods in reasonable price .This allows you to just search for the product available at minimum price at the retailers store after applying GST Rate by just searching the name of the artifact and it will give the list of product and retailers contact details so the consumer can purchase it in reasonable price as compared to other. This G smart solution app´s main function is sure to make things easier to get goods in reasonable price, today's generation rely on their phones to get through their day. They use it to make send text messages, checking their emails, music, playing games etc. Due to this, phones have become more of a personal assistant to people rather than a device used to send and receive phone calls.

Keywords: GST= Goods and Service Tax, Merchants= Retailers, Punters= Consumers, Artifact= Product.

I. INTRODUCTION

The main vision of this application is to build an environment where user can get goods in minimum price to maintain transparency and trust. Local businesses invest precious time and money into advertising, building a website, gathering social media followers, and collecting email addresses. We believe you should always understand the true returns on any of these investments between retailers and consumer. Our goal is to automate the availability of goods in reasonable price in specific area wise distribution of content that drives sales, and then give your insight into the analytics that really matter s customers. Around the clock to simplify the way you market retailers business online and drive customers into retailer's locations.

This Android application is a great way to reach by the retailers to the customers, gain new ones and expand business profit. It facilitates to display all the details about offers which are created retailers to consumer.

Here retailers/consumer can login and new Retailers/consumer can create him/her account. In this application, you can edit offers title and description and also edit start date and end date of particular offer. This app provides facility to edit Business Details like business name, business category and here you can also change your email id. The consumer can get every detail about the firms.

The proposed GST is likely to change the whole scenario of current indirect tax system. It is considered as biggest tax reform since 1947. Currently, in India complicated indirect tax system is followed with imbrications of taxes imposed by union and states separately.

GST will unify all the indirect taxes under an umbrella and will create a smooth national market. Experts say that GST will help the economy to grow in more efficient manner by improving the tax collection as it will disrupt all the tax barriers between states and

integrate country via single tax rate. GST was first introduced by France in 1954 and now it is followed by 140 countries. Most of the countries followed unified GST while some countries like Brazil, Canada follow a dual GST system where tax is imposed by central and state both. In India also dual system of GST is proposed including CGST and SGST.

II. LITERATURE SURVEY

Nitin Kumar (2014) studied, "Goods and Service Tax- A Way Forward" and concluded that implementation of GST in India help in removing economic distortion by current indirect tax system and expected to encourage unbiased tax structure which is indifferent to geographical locations[6].

Pinki, Supriya Kamma and Richa Verma (July 2014) studied, "Goods and Service Tax- Panacea For Indirect Tax System in India" and concluded that the new NDA government in India is positive towards implementation of GST and it is beneficial for central government, state government and as well as for consumers in long run if its implementation is backed by strong IT infrastructure[2].
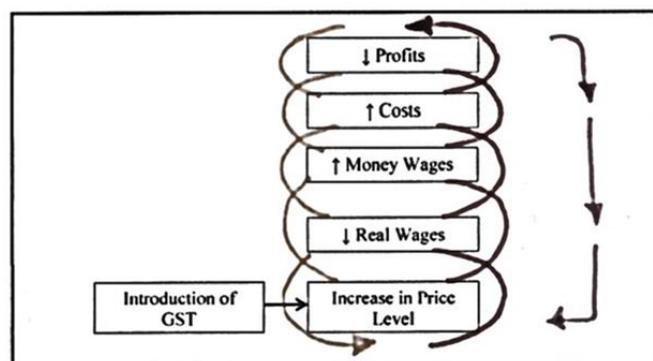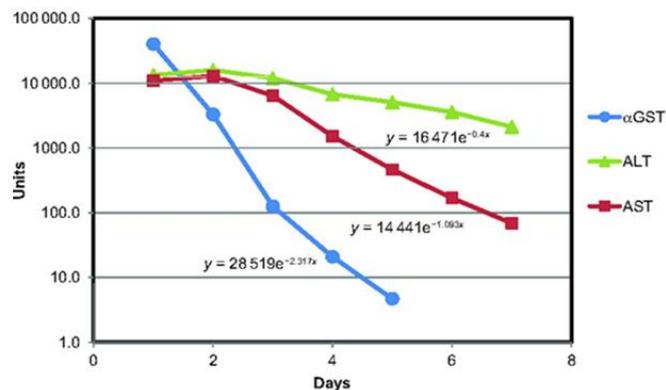
Dr. R. Vasanthagopal (2011) studied,"GST in India: A Big Leap in the Indirect Taxation System" and concluded that switching to seamless GST from current complicated indirect tax system in India will be a positive step in booming Indian economy. Success of GST will lead to its acceptance by more than 130 countries in world and a new preferred form of indirect tax system in Asia also[4].

In 2010, biggest e-commerce market in the world when measured by the amount spent per capita. The Czech Republic is the European country where ecommerce delivers the biggest contribution to the enterprises total revenue. Almost a quarter (24%) of the country's total turnover is generated via the online channel[5]

Ehtisham Ahmed and Satya Poddar (2009) studied, "Goods and Service Tax Reforms and Intergovernmental Consideration in India" and found that GST introduction will provide simpler and transparent tax system with increase in output and productivity of economy in India. But the benefits of GST are critically dependent on rational design of GST[6].

GRAPHS

Graph showing Units vs Days with curves αGST, ALT, AST.

$y = 16\,471e^{-0.4x}$

$y = 14\,441e^{-1.093x}$

$y = 28\,519e^{-2.317x}$

Flow diagram: Introduction of GST → Increase in Price Level → ↓ Real Wages → ↑ Money Wages → ↑ Costs → ↓ Profits

III. PROPOSED METHODOLOGY

Nowadays Indian Govt. launched the GST on selling of goods and services so the consumers get that goods in different shop in different prices so because of that the goods which are at stock of any retailers make available at low price and retailer let know consumer through app that the specific goods available at the specific price sometimes it may be below the minimum Retail price. People always want the goods available at low price to set their financial budget so this Application is helpful to consumer which goods available

The main idea behind this application development to create marketing strategy in which registered

consumer and retailers involved and obtain the benefit to registered user because here in these app we gave the unique id for retailer and consumer so the when consumer go to retailer shop and ask for the goods at that time the retailers check in the app whether the consumer is registered user or not and benefit is given to only registered consumer after verifying registration number.
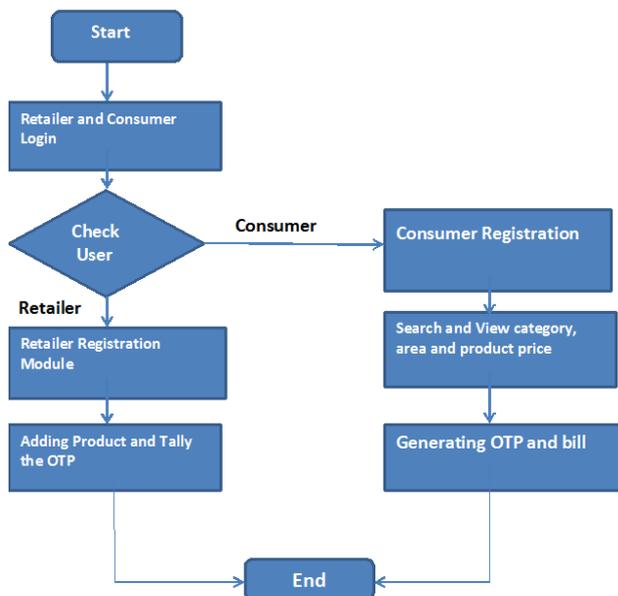
IMPLEMENTATION

1. Home Screen for Retailers and Consumers Login
2. Retailers Login
   - ✓ Retailers registration
   - ✓ Retailers Shop Details with Goods price Available
3. Consumer Login
   - ✓ Consumer registration
   - ✓ Consumer available Goods

4. Database:
   - ✓ Retailers details database
   - ✓ Consumer details database
5. Report Generation
   - ✓ Generation of list of required goods with price and available retailers shop

EXPERIMENTAL SETUP AND RESULTS
   - • **Tools**
   - ✓ Front End – JAVA jdk1.7.0_10

   - ✓ Back End: - SQLite for Documentation and DBM.
   - • **Hardware**
   - ✓ A Smart Phone
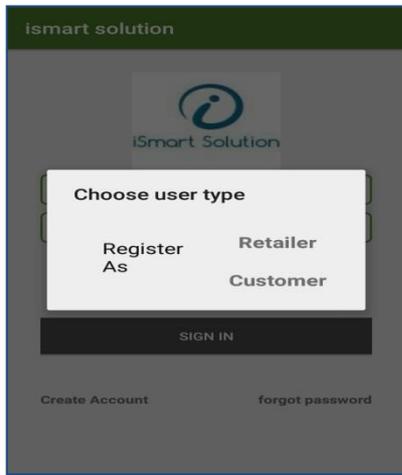   - ✓ Android Studio

SYSTEM RESULTS
FRONT PAGE :

Login Module (Combine for Consumer and Retailer)

Registration Module (Individual for Consumer and Retailer)

Retailer Module (add, view, edit and delete product in category).

Consumer Module (search product in category in specific area)

IV. CONCLUSION

App which allows all retailers to set their goods price. Offer the minimum price to consumer after applying the GST. Make it accessible to the entire consumer to know about which retailers offer the goods in reasonable price. This allows you to just search for the product available at minimum price at the retailers store after applying GST Rate.

V. REFERENCES

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