

# I Smart Solution Application: Review

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**Abstract** - Mobile contrivances these days have gradually become more potent and distributive, influencing our quotidian lives on a more immensely colossal scale. Android, which has proven to be one among the best mobile-predicated application development platforms provides the developers with many APIs and implements for the development of Android applications.

We intend to develop a handy app which sanctions all retailers to set their goods price and offer the minimum price to consumer after applying the GST and make it accessible to all the consumer to know about which retailers offer the goods in plausible price. This sanctions you to just search for the product available at minimum price at the retailers store after applying GST Rate by just probing the denomination of the product and it will give the list of product and retailers contact details so the consumer can purchase it in plausible price as compared to other

This I astute solution app's main function is sure to make things more facile to get goods in plausible price

## 1. INTRODUCTION

This I smart solution define as convert your internet user in Retailer and consumer. The main vision of this application is to build a 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 you 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 retailers 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 details about the firms.

## 1.1 Problem Definition

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.

With the invention of the smart phone, the entire world has become accessible to the person at a touch of a button. This was made possible due to the creation of the thousands of applications that run on these smart phones. These applications provide people with current minimum goods price in available retailer store and give freedom to retailers to connect and available for consumers. The Android Market, a place where Android phone users can download applications for their phones, has applications providing different information about minimum goods prices available at which retailer shop for consumer in one simple application.

## 2. PROPOSED PLAN OF WORK

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 wants 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.

## 2.1 SYSTEM FLOWCHART

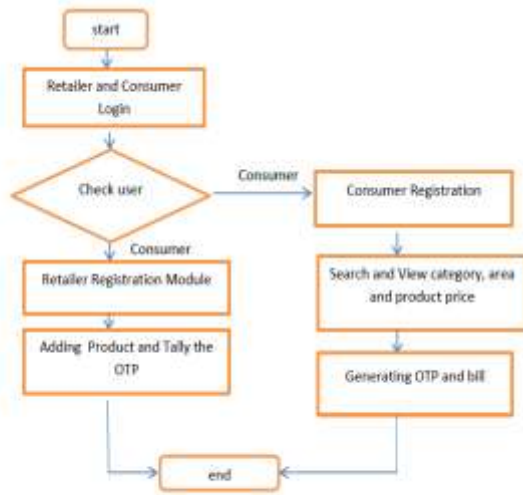


Fig: system architecture of smart solution application

## 2.2 Objective

The I smart solution Android Application is projected to have these objective

1. Develop and implement mobile based system get goods in minimum price after applying the GST.
- 2.The need of the project is to track retailers shop where goods are available at minimum price .
- 3.Create an android mobile application providing a consistent user interface for interaction between retailers and consumer.

## 3. METHODOLOGY

As the name suggests, Rapid Application Development (RAD) model is an incremental software process model that focuses on short development cycle time. This model is a “high-speed” model which adapts many steps from waterfall model in which rapid growth is achieved by using component-based construction approach.

In case if project requirements are well understood, and project scope is well known then RAD process enables a development team to create a fully functional system i.e. software product within a very short period may be in days.

RAD model is like other process models map into the standard and major framework activities.

## Phases of RAD Model

Communication is an action which works to understand the business problem and the information characteristics that should be accommodated by the software. In RAD model Planning is required because many software teams work in parallel on different system functions.

**Modeling** includes three major phases –

1. Business modeling
2. Data modeling
3. Process modeling

**Construction** focuses mainly on the use of existing software components and the application of automatic code generation. In the last stage, **Deployment** establishes a basis for subsequent iterations if necessary. A business application which can be modularized in a way that allows each major function to be completed in less than three months is useful for RAD. Each primary function can be addressed individually by a separate RAD and then integrated to form a whole application.

## Application Generation

The actual system is built and coding is done by using automation tools to convert process and data models into actual prototypes.

## Testing and Turnover

The overall testing time is reduced in the RAD model as the prototypes are independently tested during every iteration. However, the data flow and the interfaces between all the components need to be thoroughly tested with complete test coverage. Since most of the programming components have already been tested, it reduces the risk of any major issues.

## 3.1 SYSTEM REQUIREMENTS

Functional Requirements :Android studio, JDK 1.8, SQLITE.

Technology Used : JAVA & Android.

Hardware Requirement : RAM- 4GB

Processor- Pentium, Core 2Duo, Dual Core.

Operating System- Windows XP, Windows Vista, Windows 2003, 2007 and 2008.

Hard Disk- 20GB.

#### 4. CONCLUSION

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

#### 5. FUTURE WORK

The app can dominated the mobile market completely if it is make live. From small to big business , everyone is getting their dedicated Mobile apps to lure more customers to mobile devices .If you connect it to the i-cloud then the app is accessible by all, Hence it increases customer for shopkeeper.

#### REFERENCES

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