**Chapter1: Introduction**

* 1. Introduction:

In this project we are proposing a shopping system with mobile application. “Swarup Agency app” is a special environment. By providing efficient, fast, consistent and authentic tools in the form of internet and mobile applications, information technology is penetrating human life and is playing an important role in changing lives of so many people around them. Thus, such is the reason of the development of this application. If you want to achieve the information query and purchase the products who do not want to trouble yourself with carry cash everywhere then this is the solution. We propose a system in which the user can purchase the products using mobile app in which every product of the agency is displayed by the product, product name and its price. Therefore, building a simple, fast and convenient shopping guide this app has been created.

The sale or purchase transaction is completed electronically and interactively in real time, without an intermediary service, over the Internet. It has been observed that now majority of the Asian popularity is quite familiar with the internet and is widespread uses. Due to the convenience provided by online products, customers can compare the products offered by different companies easily. Due to the development of this app it has now become easy to access the products available widely without wasting time, money and other resources apart from helping environment.

The shopping cart program allows visitors to online shopping app to collect items in a virtual shopping cart. They may view the contents of shopping carts at any time and may add or delete items at will. The basic concept of the application is to allow the customer to shop product virtually using the Internet and allow customer to buy the product form store. The information pertaining to the products are stores on an SQLLITE database at the server side (store).

The Server process the customer and the items are shipped to the address submitted by them. The details of the items are brought forward from the database for the customer view by them.

The proposed android application helps to buy, sell product or goods online using internet connection. Purchasing of goods online, user can choose different product based on categories, delivery service and hence covering the disadvantage of existing shopping app and make buying easier. Mobile recommender application is one the growing area. Swarup Agency mobile application which acts as a guide for user. The directories are divided according to their category.

Analysis and design of application is a process based on specified requirements which defines the modules.

**Admin Tab:**  When Agency updates the new product it will be update on this app by using update module then they will be redirected to the Import.xml.

**Gallery Tab:** It display the all category of product.

**Share Tab:** It display the sharing application by using this user can share the product image and its description.

**Contact us Tab:** This tab display the contact, address, Email id of shop.

There are two modules:

**1. Administrator:**  Theadministrator can carry out following functions:

* Database Maintenance.

**2. User:** The user can carry following functions:

* Register
* Login
* Book product