Online Vegetables Pricing System in Android

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Abstract: Online Vegetables Pricing System Is To Manage The Price Details Of The Vegetables Thorough Online. The Purpose Of This Project Is To Automate The Existing Manual System By The Help Of Computerized Equipment’s And Software’s. Vegetables Price Information Can Be Upload In The Database. Information Retrieving And Managing Is Also Easy In This Application. Day To Day, The Vegetables Price Information Is Updated Periodically.

I. INTRODUCTION

The prices of vegetables and pulses have been an important concern in Indian homes in recent years. Fruits and vegetables are produced seasonally, but the market requires products throughout the year. Most of the farmers are selling their products in markets or wholesalers. Vegetables cultivation increases, the cost of the vegetables decreases. As a product’s price increases, the quantity demanded by consumers diminishes. So the prices of the vegetables are not a static manner in the market.

In day to day life vegetables is one of the important things to improve the human health. So we are using some vegetables daily and we want directly go to the market to know the price of the vegetables. It is not possible by all the categories of people every time go to the market for clearing droughts about the prices of vegetables.

Today the Internet is the most powerful technology in the world. Internet has played an important part in our daily life, and in fact, it brings us lots of advantages to us. So we are creating an android application to monitoring the prices of the vegetables that are available in the market with the help of internet. Today the large number of peoples is like to buy anything from online. So this application is more useful to them.

II. EXISTING SYSTEM

Before there is no android application is available for monitoring the price of vegetables in the local market. The price of the vegetables is telecasted on a television but it only on a particular time only. Also the prices are printed in the daily newspaper but that is not showing the exact price of vegetables in a required time.

The existing system fully based on manual work. All the details stored and maintained by a paper, board etc., This system takes lot of time for updating the information. All the data handled by manual so, easily data are loss. Less security for data. User can not view prices at anywhere and anytime by using the existing systems.

2.1 Disadvantages:

The existing system are have only less security and safety features because the components (such as board and paper) are used to show the price of the vegetables in the local market can be easily damaged by the some causes. The time taken to this work is more because of it take the too much of time to displaying the prices by manual process. In this system all work are finished by manual but now the all types of process are done by the computerized equipment’s. These are the main drawback of this system.

III. PROPOSED SYSTEM

We create an android application for monitoring the vegetables through internet. The main aim of this application is to reduce the manual work of the people. In this application all details and records are maintained database software. Vegetables names and vegetable prices are displayed in the application. Whenever we need data, we can easily access the database to retrieve the data that are already stored at anywhere in the world. The prices will be updated periodically day by day. The records are frequently updated by the admin of the application. It provides a simple user interface to the users. The working method of users are designed by very simple.

3.1 Advantages:

The retrieval of vegetable prices is very fast in this application and it also easy to the users. It reduces the manual work of the local market members. The users get quick update about the prices of vegetables in the market. The prices will be updated periodically. The updating of prices is very easy in this application. Using of this application user can view the vegetable prices at anywhere. The application needs one time updates per day. The simple clicking options improve the interface of the app.

IV. MODULES DESCRIPTION

A module is a separate unit of software or hardware. Every single module has a separate unit of process. In this android application every single page is called modulo. We creating the number of modules that are described as below

• User registration
• User login
• Home screen
• Vegetables price
• Feedback screen
• About us

4.1 User Registration

The peoples who are using this application first time they must be registered. In this module every user has to register their own details. All the details of the users will be stored into the database and it can be secured. In the registration screen requires more fields to registration that are followed by

• Username
• Password
• Mobile number
• Location

4.2 User Login:

In this module every registered user can login to user account with their details. Every user has a unique id and password. If the user name and password is correct you can login to your account. Sometimes user loses their passwords but they have an option to sign in the application t otherwise you can't enter into your account without password by verifying their mobile number. All the user name and password is stored in the database. In the modulo two fields are used to login into an account that are described below

• Username
• Password

4.3 Home Screen:

Home screen is the main page of this application. This modulo shows some category options to the users to their choice. By clicking someone option user gets a main page of that particular category which is easy to use by the users. It shows the three types of options that are followed by

• Vegetables price
• Feedback screen
• Aboutus
4.4 Vegetables Price:

Vegetable screen modulo is the important modulo of this application. It shows the entire vegetables price lists that are available in the market. The details of the vegetables price list is retrieved from the database that are already stored. User can monitor the vegetable prices with the help of internet. It shows the some categories of the vegetables to the users. User can view the particular categories of the vegetables. The categories are depending on their type and cultivations. The price of the vegetables is periodically updated by the admin or head of local market members.

User can also check the individual price list of the particular vegetables. It shows the price list of particular vegetable prices of before days. With the help of this modulo we can easily compare the prices of vegetables and can predict easily whether the prices of vegetables are increased or decreased. The prices of the vegetables are same as the local market prices.

4.5 Feedback Screen:

Feedback screen is used to improve the application. The feedbacks are collected from the users to improve the performance of the application. Users send the information’s as feedback with their experience what they have benefited or drawbacks from the application.

The feedback of the users will be stored in the database and that can be viewed by the admin. Then the admin can easily update the application depend on the user requirements. Feedback is essential to the working and survival of all regulatory mechanisms found throughout living and non-living nature, and in man-made systems such as education system and economy. As a two-way flow, feedback is inherent to all interactions, whether human-to-human, human-to-machine, or machine-to-machine.

4.6 About Us:

The "About Us" page is a great place for it to live, too. Good stories humanize your brand, providing context and meaning for your product. What’s more, good stories are sticky -- which means people are more likely to connect with them and pass them on.

This modulo is used to describe a story about this application how is created and implemented. The vision and mission of the application are clearly explained in this modulo. It is also include the details of the team members who are helpful to create this application.
V. REQUIREMENTS

These are the requirements for creating the android application. Without using these tools and software’s we can’t do the project. So we have two requirements to do the project. They are

1. Hardware Requirements.
2. Software Requirements.

5.1 Hardware Requirements:

The hardware requirements may serve as the basis for a contract for the implementation of the system and should therefore be a complete and consistent specification of the whole system. They are used by software engineers as the starting point for the system design. It shows what the system does and not how it should be implemented. The following components are needed for the application.

PROCESSOR: Intel Core i3.
RAM: 4 GB DDR2 RAM
MONITOR: 15” COLOR
HARD DISK: 100 GB

5.2 Software Requirements:

The software requirements are description of features and functionalities of the target system. Requirements convey the expectations of users from the software product. The requirements can be obvious or hidden, known or unknown, expected or unexpected from client’s point of view. It is useful in estimating cost, planning team activities, performing tasks and tracking the teams and tracking the team’s progress throughout the development activity.

Front End : ANDROID XML, JAVA
Back End : SQLITE
IDE : Eclipse, Android Studio
Operating System: Windows 7, 8 or 10

VI. METODOLOGY

The requirements are fully understood to creating this application. The details of the vegetables and prices are uploaded in the database. Using android studio software the user interface designing of this application is designed. Then the coding phase is completed for connectivity and data retrieval process. Finally the design and coding are to be tested to clearing the errors.

VII. CONCLUSION

Online Vegetables Pricing System is very dynamic and useful system in today’s environment. It make easy to know about the vegetable prices in the local market and reduce amount time. As the world is becoming more and smarter, this application makes our lives smart in environment. This application is going to be veryuseful for farmers and consumers.

REFERENCES


AUTHORS

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