**VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE**

**COMPUTER ENGINEERING DEPARTMENT**

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**Synopsis**

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**Group number: BE COMP/PRJ/18-19/46**

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**Title : Smart Market Yard System Using Data Mining**

**Objective :** The System will tell the manager about how much Quantity sold out , Type of Commodities, Quantity of Commodities and also provide search option with filters like By Commodities, By Name, By Price.

System will tell the Farmer about current price Going on in market to sell his product.

System will be help us to reduce human efforts of keeping manual records (Less Paper Work).

**Abstract :** The commodities market system is presently the remaining system which is not being done online we are trying to create this process online.

This sales data includes information about customer buying history, goods or services offered for the customers.

Data mining is an inter disciplinary promising field that will focus on the types of seasonal grain for predicting the information useful for high level decisions the varying rate behaviour in products because the growing popularity and acceptance of e-commerce platforms the farmers will be able to see the market rate and the buyer, seller no longer will have to wander door to door to sell their products as the price and quantity available will be seen online.

**Briefs about Contents:**

1. **Introduction :** Today's Commodities market is very hectic process for both Buyer & Seller because the internet has provided consumers with a platform where they can shop smartly.

Consumers will be free to explore various alternatives from a wide range and choose the best or suitable product.

Many community uses Internet with the purpose to Identify costs and hence reduce the price of the products.

It also helps them to reach a larger audience who would require their product.

Farmer will use the internet not only to sell the product but also to compare products, prices and find out benefits of buying the product from a particular store.

1. **Technical Details : -** We have chosen Windows operating system for its best

support and user-friendliness.

-To implement the project we have chosen JAVA

language for its more interactive support.

-Front-end software: HTML, CSS,Java Script,XML.

**-**Back-end software: JAVA,MYSQL.

**-** To save the Farmer records, Shopkeeper records we

have chosen MYSQL database.

1. **Working : -** To make the process Easy and Online with less time

consuming

**-** Collecting Real time database from the market yard.

**-**To classify the commodities according to the seasons.

1. **Applications: -** Market Yard.

**References/Bibliography:**

1. Taxpayer Compliance Classification Using C4.5, SVM, KNN, Naive Bayes and MLP ” M. Jupri, Riyanarto Sarno” 2018.

2. Performance study of classification algorithms for consumer online shopping attitudes and behavior using data mining” Rana Alaa El-Deen Ahmeda, M.Elemam.Shehaba, Shereen Morsya, Nermeen Mekawiea” 2015.

3.Scalable Sentiment Classiﬁcation for Big Data Analysis Using Naive Bayes Classiﬁer

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