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Online Agriculture Management System

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Abstract: *This paper aims to give a comprehensive overview of Online Agriculture Management System is the web application which helps farmers by providing various kinds Agri related information and Agri services in the website. This website helps farmers by providing them a large online market to sell their produce. labourers and they can be updated with the latest agricultural developments with articles and blogs module. Admin can post latest news and articles and he can sell agriculture machinery products in the website. Workers can upload their resume and they can view work schedules after the login. To provide technology and services to the farmers, seller and farm labourers thus, helping then to expand their business and provide them with a wider market. Hence, improve the present farming processes and to provide knowledge about recent agricultural issues. To provide a helping hand to the farmers and farm labourers in improving their lives through the medium of technology, thereby, improving the Agricultural sector in the Indian economy.*

Keywords: Agriculture Website, HTML,CSS, Programming Language: PHP, Scripting language : Ajax, Javascript , Database : MySQL Server

I. INTRODUCTION

Online Agriculture Management System play a vital part in ultramodern husbandry by using technology and data-driven approaches

II. LITERATURE SURVEY

The Agriculture Management System will be developed to replace the existing manual system thereby resulting in to increase in productivity and revenues for the farmers

A Study by “Mohezar et. al.” identified agricultural management systems among urban communities, especially in “Kuala Lumpur”. This research explores the trends and patterns of use of farming. The study also focused on consumer perspectives on farming in terms of its usability, reliability, protection, convenience, and performance. The research also explores the effect of demographic variables on e-farming acceptance of e-farming. A survey was conducted amongst Internet users in “Kuala Lumpur”. Kuala Lumpur was selected to have the largest number of Internet users.

The study found that e-farming is a new trend, as an almost good number of respondents have been purchasing online form for the purchase of forming products seems to have dominated the online forming management system. It was also found that comfort and ease of use were among the factors that inspired respondents to buy e-farming.

A. Existing System

The existing system was not user-friendly. The system not providing a solution for the new fram Acts 2020. Existing system doesn’t have an online sales option. In this existing system farmer has to sell the nearest agents. Existing system doesn’t provide any information to the farmers

B. Proposed System

Developing a user-friendly agricultural management System for the world wide web which fulfills the Agriculture Interested People’s requirements. This website connects farmers with customers. Here customers and farmers can

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search and view any kind of information. This website helps farmers to sell their agricultural products online and suggests best-in-practice farming processes. Improvement in quality of the farming system. Continuous improvement in components technology to fit into a given farming system Targets: Mainly developed to sell Indian crops such as coconut, rice, tea, coffee, fruits, rubber, etc.

Provide all the information for the Research articles, news, subsidies, informative articles, agriculture tools and materials, etc. The complete process of the Farming Management system will be managed online. To allow users to search and view Information on machinery tools, chemicals, Crops, insecticides, pesticides, etc. using our application. The articles and blog sections help farmers to gain knowledge about agriculture.

The administrator can view and print all kinds of reports. It allows the farmers to keep track of their agricultural products. It helps the farm labourers to find jobs. To provide technology and services to the farmers, merchants and farm laborers, thus, helping them to expand their business and provide them with wider market.

Hence, improve the present farming processes and to provide knowledge about recent agricultural issues.To provide a helping hand to the farmers and farm labourers in improving their lives through the medium of technology, thereby, improving the Agricultural Sector in the Indian Economy

III. PROPOSED SYSTEM

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IV. DESIGN AND ARCHITECTURE

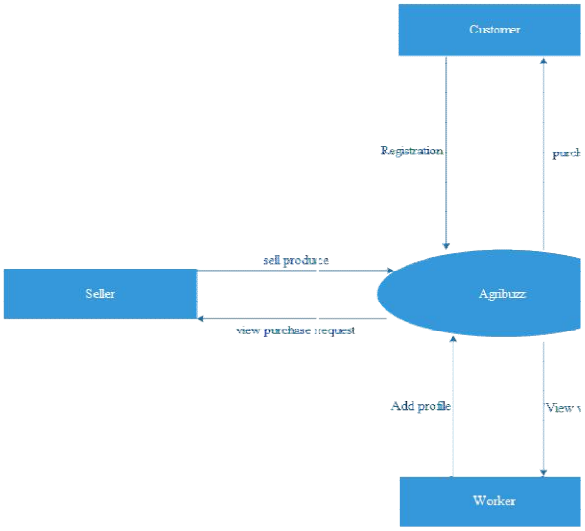

Fig. 1 System Architecture

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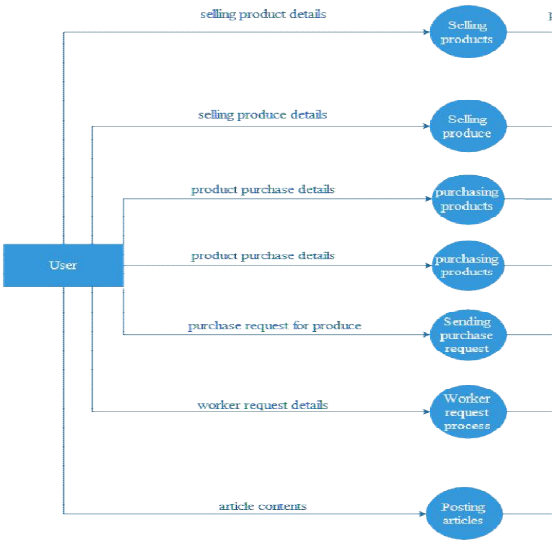
The system analysis approach emphasises a closed look on all parts of the system. The analyst must consider all the system elements, their inputs, outputs, control, feedback and the environment when the system is being constructed.
The goal of system design phase is to produce a model or representation of the system, which can be used to build the system. Here the emphasis is on translating the requirements of the system into design specification.

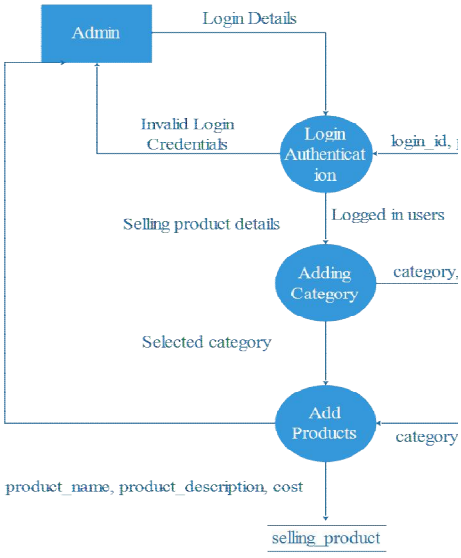
V. DATA FLOW DAIGRAM

A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an Information System.
A DFD also can be used for the visualization of Data Processing. It is common practice for a designer to draw a context-level DFD first which shows the interaction between the system and outside entities.
This context-level DFD is then "exploded" to show more detail of the system being modeled.

Top Level DFD – Level 1:



DFD Level 2:



DFD Level 3:

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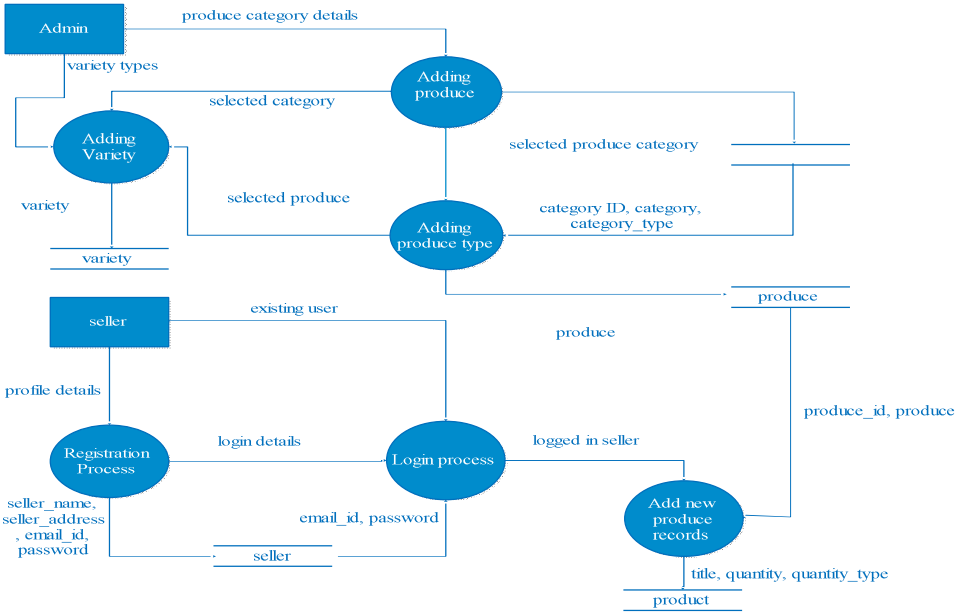
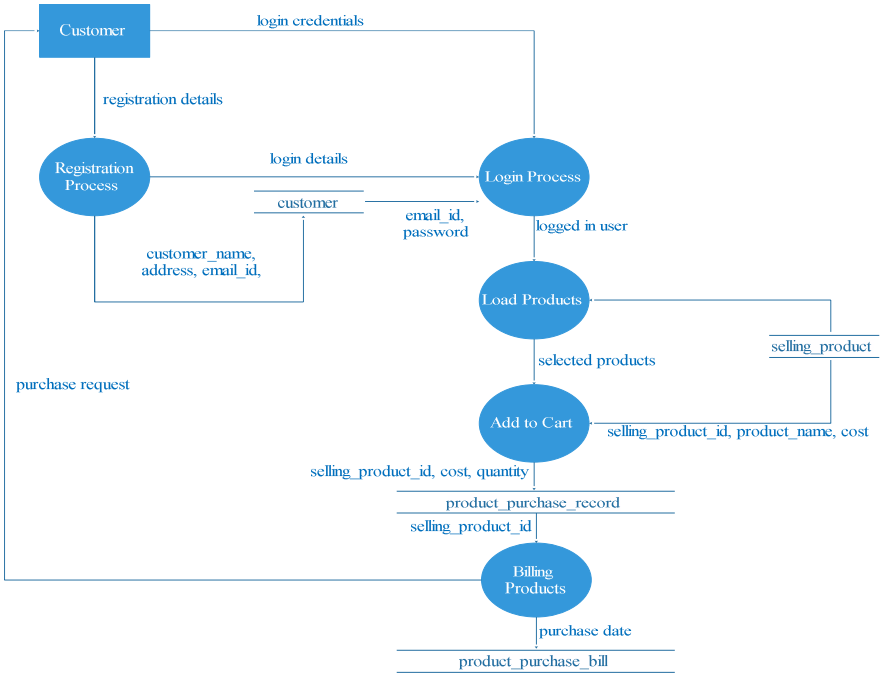


DFD Level 4:



DFD Level 5:

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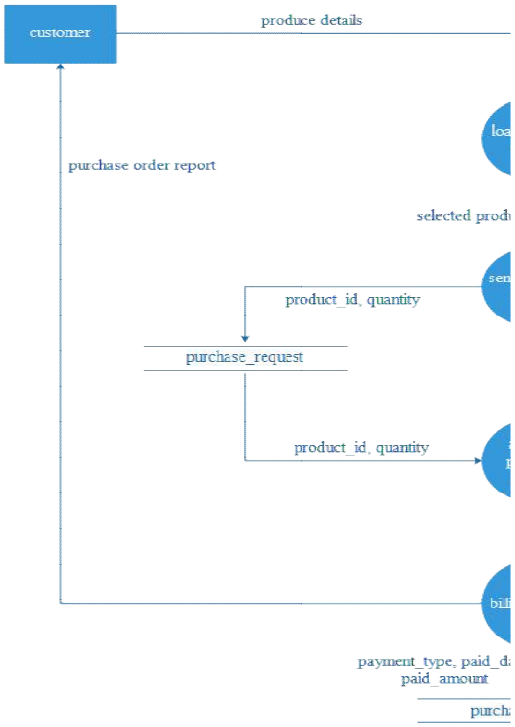

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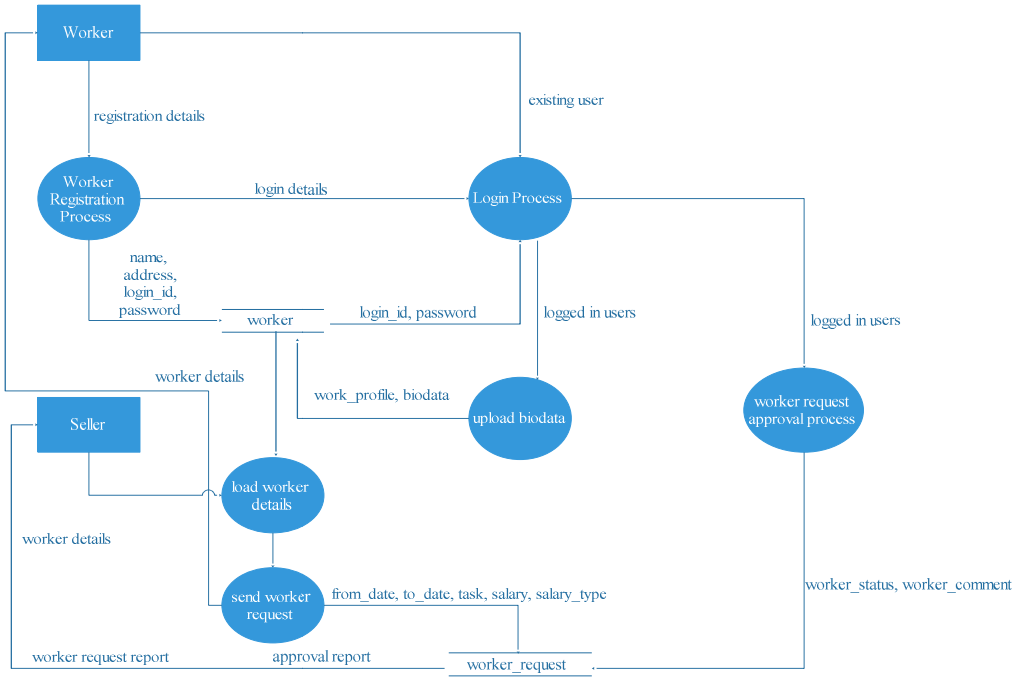

DFD Level 7:

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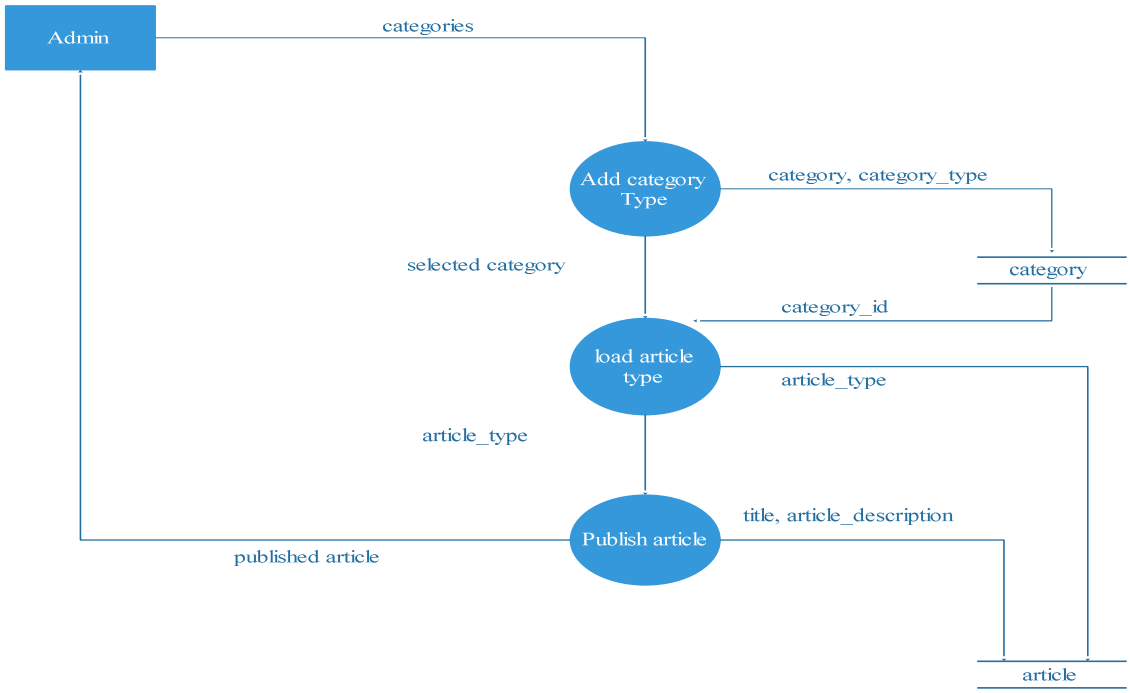

VI. CONCLUSION

The project "AgriBuzz" is a man-made project and, therefore, there may be mistakes and limitations.
The ideas put up may be different.
The terms and names may be different.
However, our sincere effort was to give the best.
The advanced techniques like sensor technology can be used in the future for measuring the quality of the product.

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