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Online Agriculture Management System "Agribuzz"

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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. laborer's 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 laborers 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 laborers 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

The farmers can sell their productions online and the buyer can purchase various agricultural products online.
Buyer can send purchase request to check the quality of the product. After collecting all the farm produce from the farmers, it should be sold to the wholesaler/retailer. This module covers these entries, and the charge details also should be entered. The Payments will be received from the wholesaler/retailer once the product delivered to them. There are 4 types of users: Customer, Farmers, Workers, and Administrator.

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

III. PROPOSED SYSTEM

Developing a user-friendly agricultural management System for the world wide web which ful Interested People's requirements. This website connects farmers with customers. Here customers and farmers can search and view any kind

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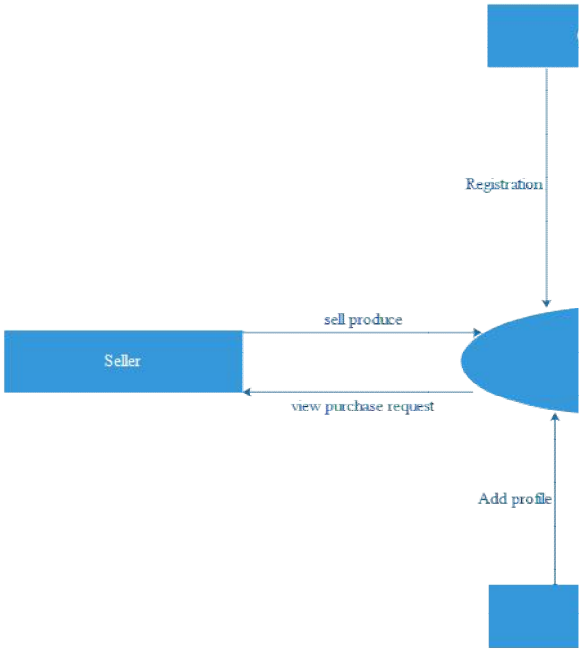
of information. This website helps farmers to sell their agricultural products online and suggests best-in-practice farming processes. Improvement in quality of the farming system. fills the Agriculture This website connects farmers with customers. Here customers and farmers can search and view any kind of information. This website helps farmers to sell their agricultural products online and Continuous improvement in components technology to fit into a given farming system Targets: Mainly developed to sell Indian crops such as friendly agricultural management System for the world wide web which fulfills the Agriculture This website connects farmers with customers. Here customers and farmers can search and view any kind of information. This website helps farmers to sell their agricultural products online and 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 ubber, etc. 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 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. Provide all the information for the Research articles, news, subsidies, informative articles, agriculture tools and the complete process of the Farming Management system will be managed online. The administrator can view and print all kinds of reports. It allows the farmers to keep track of their agricultural It helps the farm laborers to find jobs. To provide technology and services to the farmers, merchants and eloping them to expand their business and provide them with wider market. It allows the farmers to keep track of their agricultural to provide technology and services to the farmers, merchants and The administrator can view and print all kinds of reports. products. It helps the farm laborers to find jobs. farm laborers, thus, helping them to expand their business and provide them with Hence, improve the present farming processes and to provide knowledge about recent agricultural issues. helping hand to the farmers and farm laborers in improving the Agricultural Sector in the Indian Economy Hence, improve the present farming processes and to provide knowledge about recent agricultural issues. To provide a g their lives through the medium of technology, thereby, improving the Agricultural Sector in the Indian Economy.

IV. SYSTEM DESIGN



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.

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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.
There are kinds of users for the proposed system.

Login module:
The farmers are the sellers where they can sell their productions online. The system will display farm produces in the main page of the website.

Customer module:
The customer can register to the website by entering profile details. The customer can purchase products which are uploaded by administrator. They can also send purchase request for purchasing farm produce which is uploaded by farmers. After quality test and price quotation, the customer can approve or reject the purchase request.

Seller module:
The farmers are the sellers where they can sell their productions online. The system will display farm produces in the main page of the website.

Worker module:
This module is for labours where they can register by entering their profile and experience details. The farmers can hire farm labourers in this module.

Dashboard module:
Dashboard module is for administrator and employees. In the dashboard module, admin has complete settings of the website. Employees can manage all kinds of records.

Article module:
In the article module, employees or admin can post news and blogs. This article module is helpful for farmers. The farmers can view the article by browsing article menu.

Category module:
In this module, the administrator can create different types of categories. The system has three types of categories: i.e. Farm Produce, Agricultural Machinery & Tools, and Article types.

Location module:
This is the master page where admin can add country, state, city.

Products module:
This website sells two kinds of products. Admin or employees can sell products directly and it has another option where farmers can sell their productions online.

Billing Report:
The system generates billing after purchasing the product. The system calculates total cost automatically. In the billing report, it displays customer contact details, billing details, and purchased product information.

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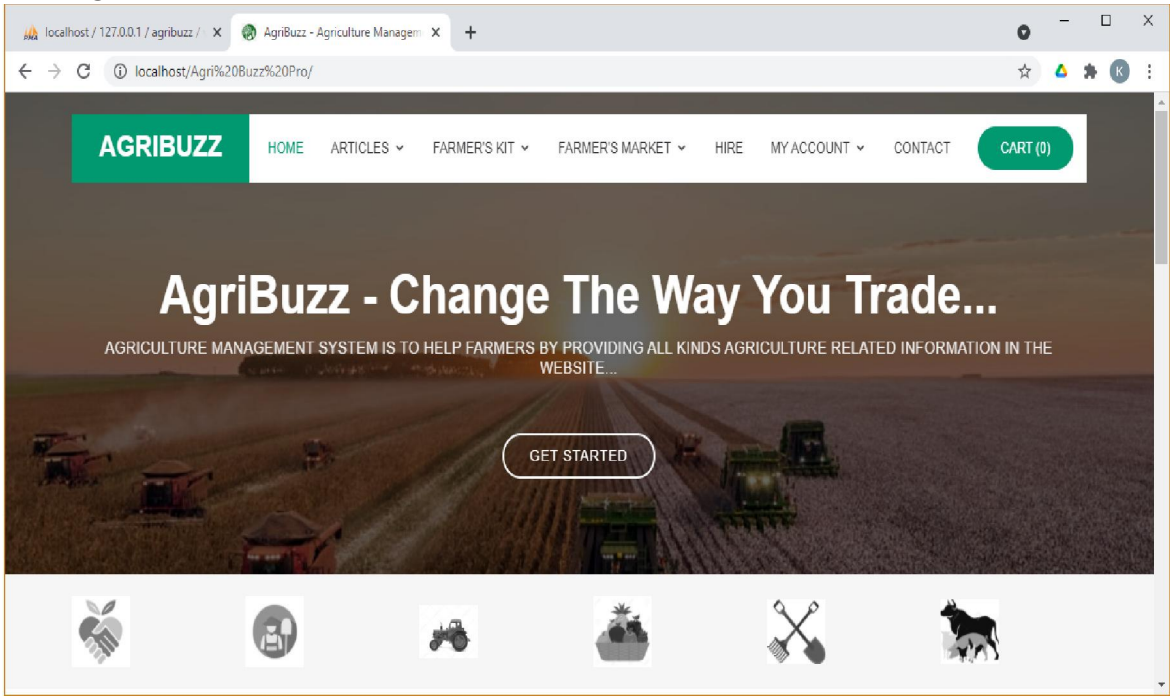
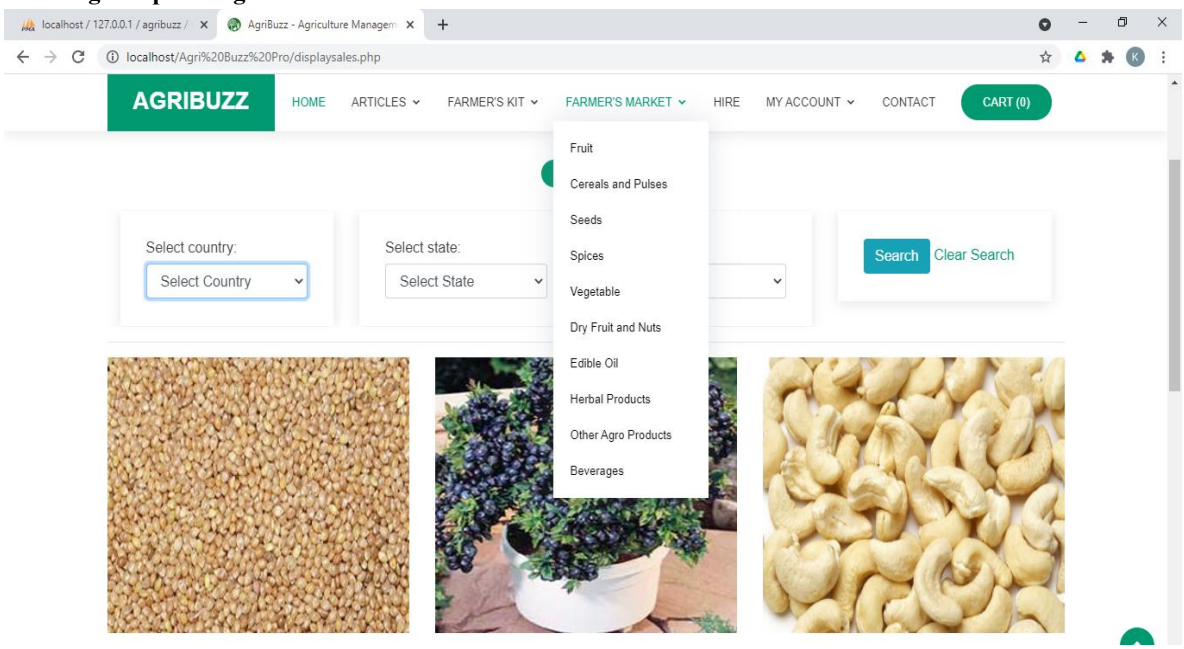
V. RESULT

A. UI Design Of website



B. Finding & Uploading Products:



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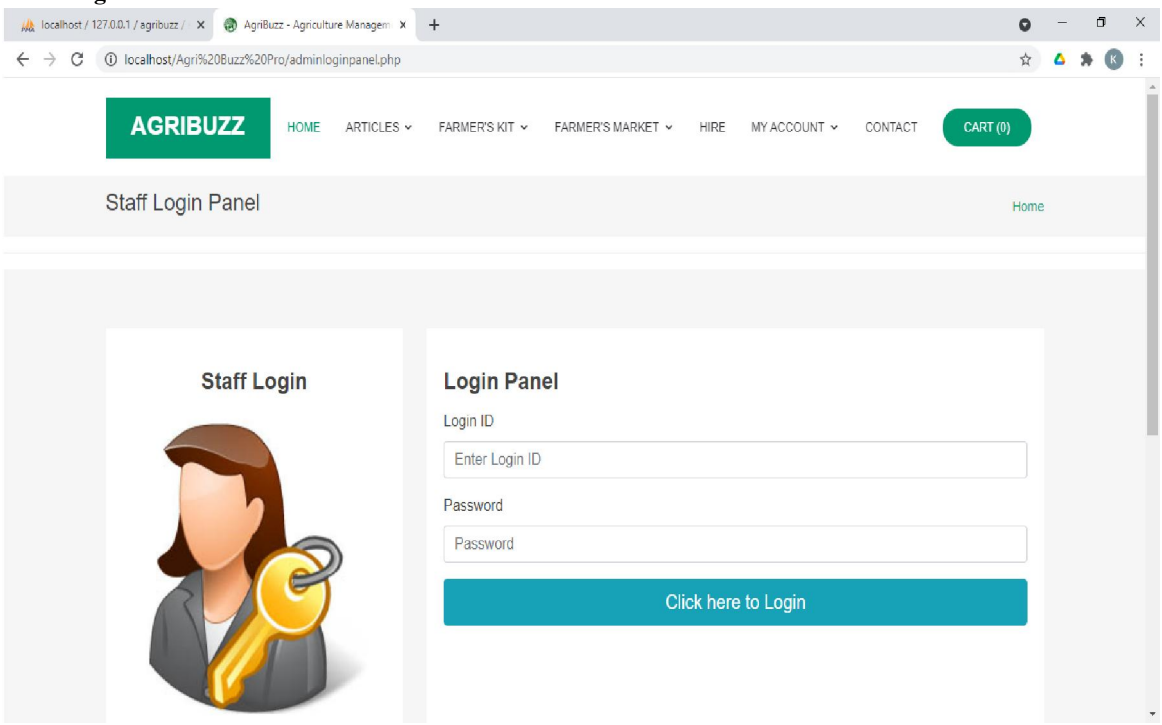
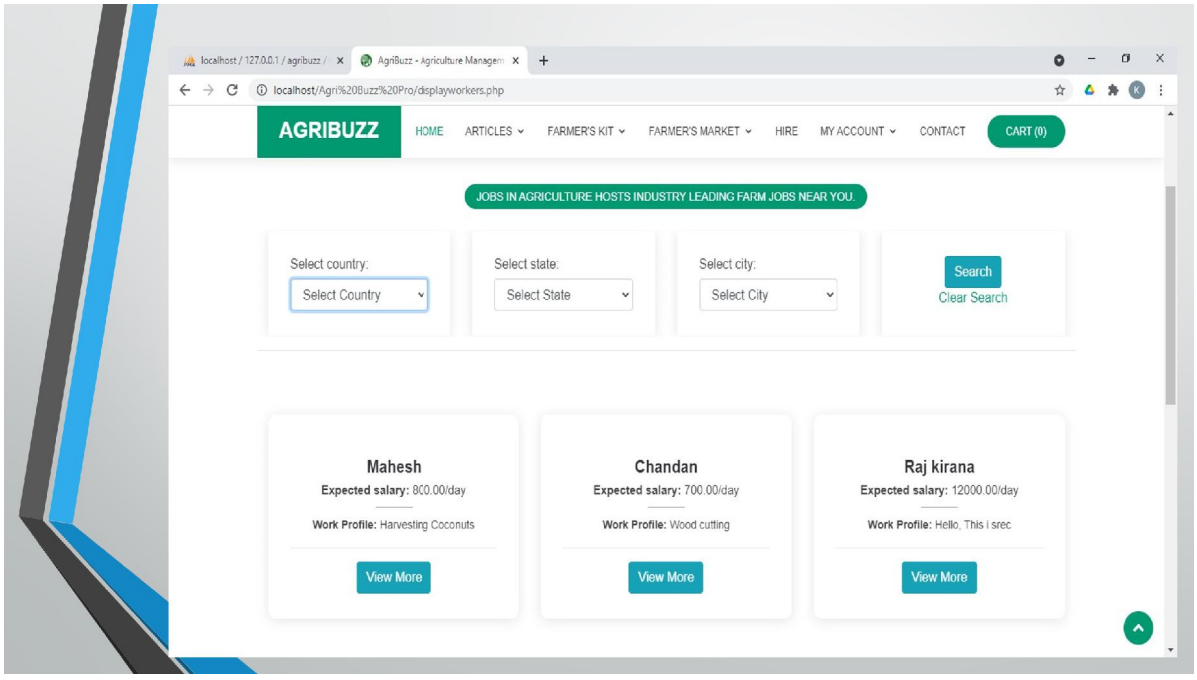
C. Staff Login Panel



D. Workers Details:



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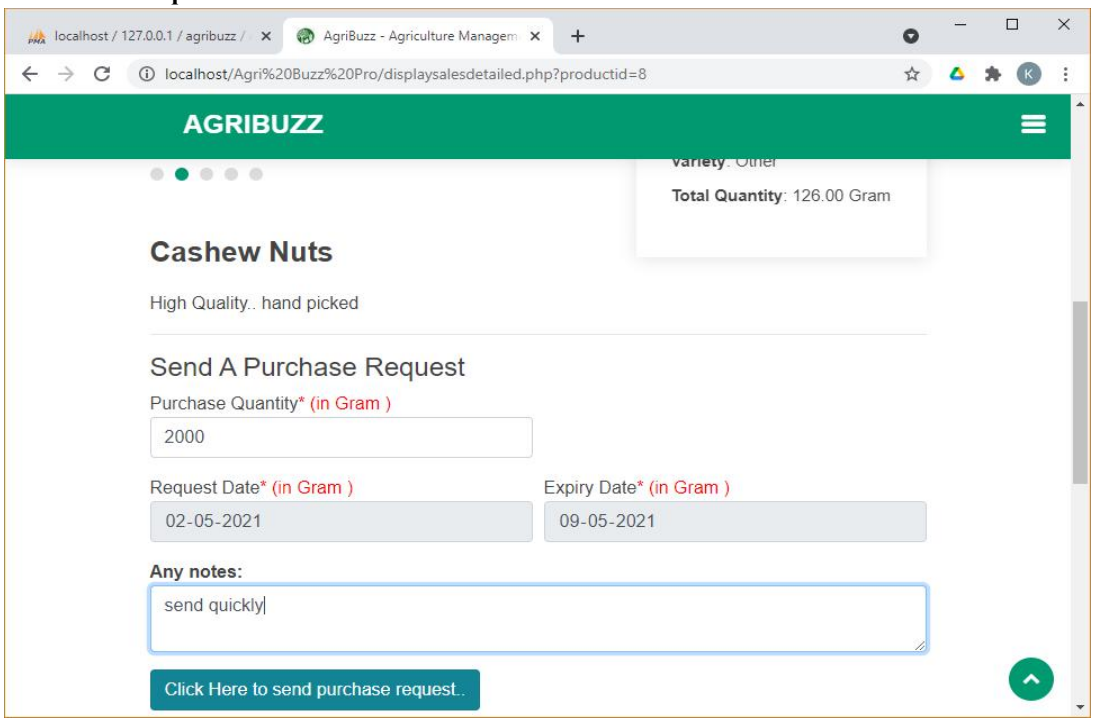
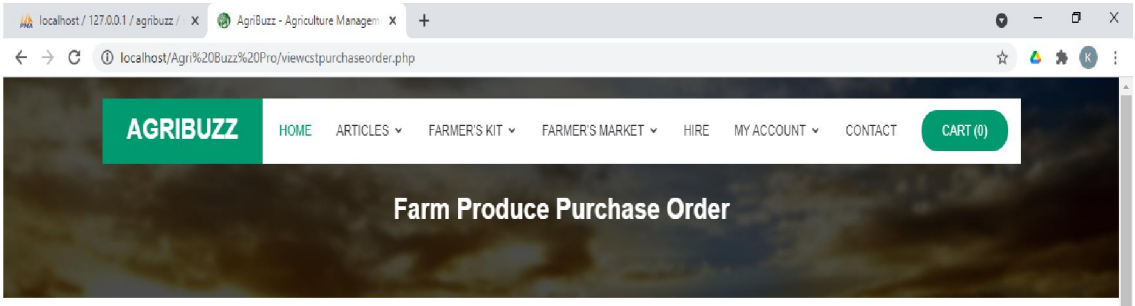
E. Send Purchase Request:





Show 10 entries Search: make payment

Product	Customer Name	Request Date	Expiry Date	Amount	Quantity	Status	Action
Cashew Nuts	Renata D Souza	2021-05-02	2021-05-09	2000.00	20.00 Gram	Pending	Make Payment

Showing 1 to 1 of 1 entries (filtered from 17 total entries) Previous 1 Next

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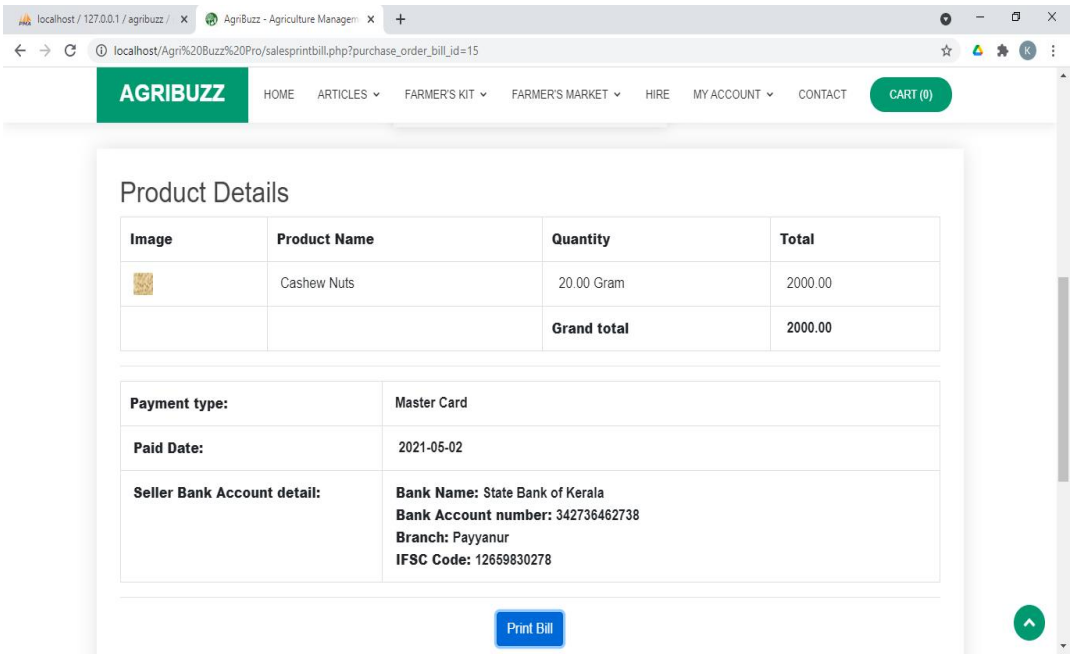

VI. CONCLUSION

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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