

ONLINE IMPLEMENTATION OF COLD WAREHOUSING SUPERVISION SYSTEM

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ABSTRACT

Cold storage management system is a web application that is developed using Python Django and SQLite database. It is an efficient application for the maintenance and management of cold storage.

CSMS is a very good solution for large cold storage requirements which can manage the activities like record, storing, and updating the data. The manual work time which is utilized to gather the information is effectively reduced by the usage of this application which leads to less paperwork, thereby increasing the work quality and decreasing the time consumption.

INTRODUCTION

Cold storage management system is a software which is developed to provide all the facilities of cold storage. This system to becomes very useful to users who need cold storage. The interface is simple and gives information about the storage by fetching the details from the database and the web server in the background.

These are two modules in this project:

1. Admin module
2. User module

In the admin module, the admin can change the password, modify their account, and log out of their account. The admin will be able to receive a rapid glance at the total number of registered users, In the total cold storage, the sub-admin, the new applications, and rejected applications. Adding cold storage, deleting, modifying, and generating cold storage reports. The total management work of the cold storage can be done at the admin module by the admin.

In the user module, the users can view the home page, the gallery of the cold storage, about us, and the contact page. The registered users can modify their profile, change their password, and can also log out at any time. They can submit their application forms and storage request. Also, they can view their storage history. The unregistered users can first register using their details and then log in to the cold storage website and avail of all the facilities.

LITERATURE REVIEW

EXISTING SYSTEM

In the existing system the facilities provided are very minimal and the users can't make all the types of facilities utilized like viewing the gallery of cold storage, the details of the system, and also having an individual account of their own.

PROPOSED SYSTEM

The system is proposed to contain many facilities for the users to directly view the details of the storage, to apply and avail the storage, and also the admin has all, the facilities to view, modify, and delete the details of storage, to generate a report on the storage to check the number of applications received between particular dates, etc. So this system provides better options and facilities to the user and admin to have good and ease of work through the online website by reducing the manual work.

DESIGN AND IMPLEMENTATION

The design of a system is the initial step of the development of any techniques and principles that aim to define a device, process, or system.

By following the analysis and specification of the software requirement the software design process consists of the following activities:

- i. Designing
- ii. Coding
- iii. Implementing
- iv. Testing

The design of this system is developed in such a way that people who require cold storage to preserve their items can easily use this system with the simple methods provided in the system.

Online implementation of warehousing supervision system. The users have a very easy and simple procedure by just logging in to their account and submitting an application requesting cold storage and the payment for the storage is also made very easily without any difficulties.

SYSTEM ARCHITECTURE

System architecture is a logical representation of a system that describes the connections and functions of that system.

OUTCOME OF RESEARCH

The project's expected outcome is that the user can be more comfortable using the system by utilizing the facilities provided to them. To provide the users the easy and simple methods to access the system without any difficulties or complications and to reduce the manual tedious methods to avail the cold storage.

Ask to provide good and elaborated management techniques to have a wide view of the storage and perform effective and efficient operations or functions on the system.

EXPERIMENTAL RESULTS

HOME PAGE

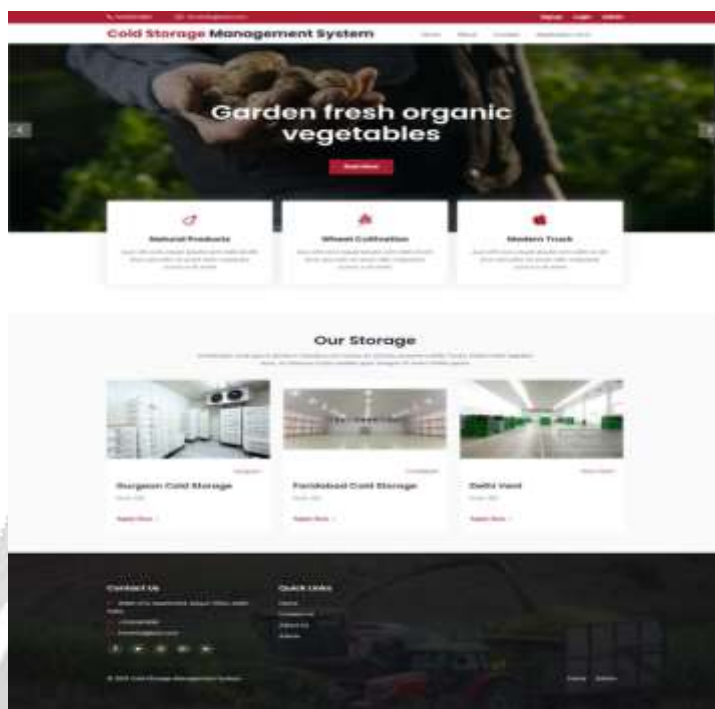


Fig 1

LOGIN PAGE

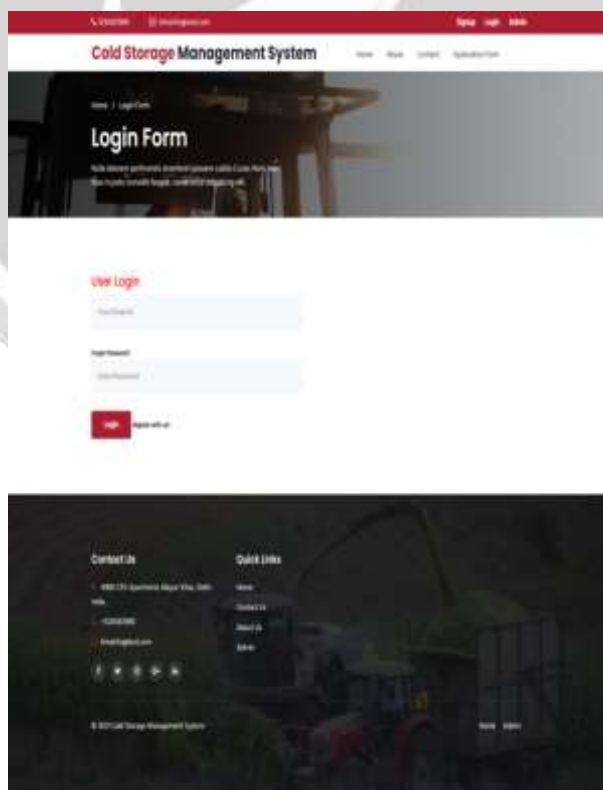


Fig 2

REGISTRATION FORM

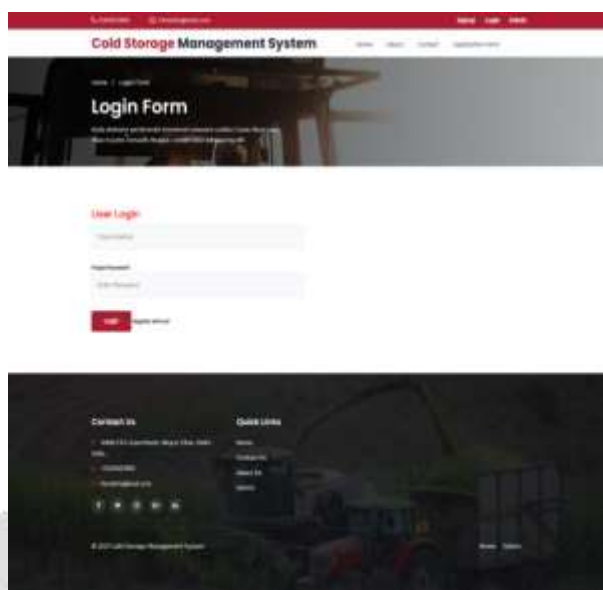


Fig 3

APPLICATION FORM

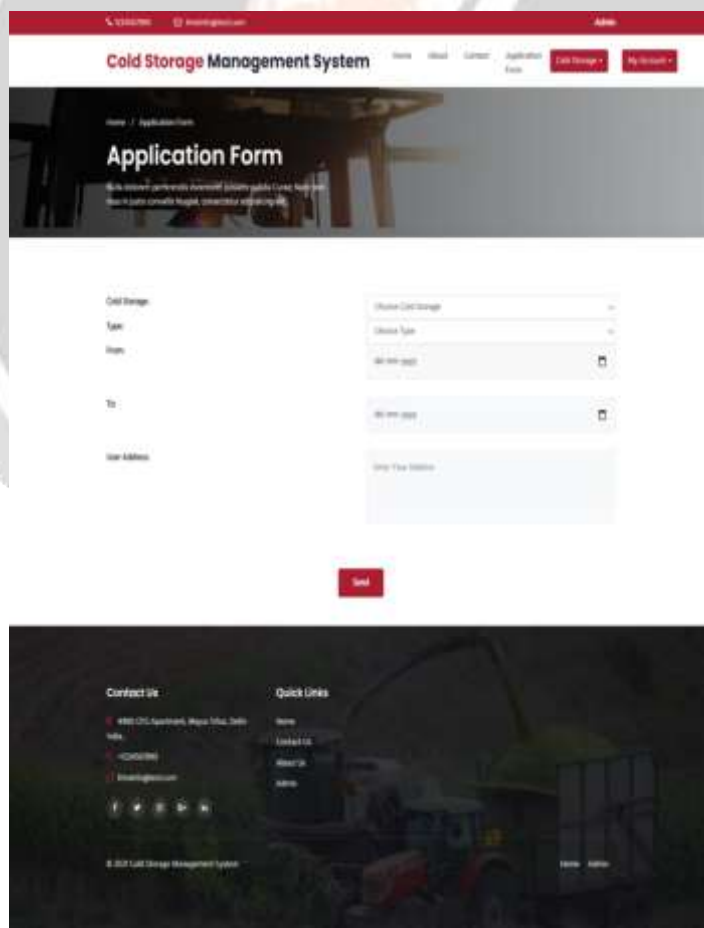


Fig 4

ADMIN LOGIN

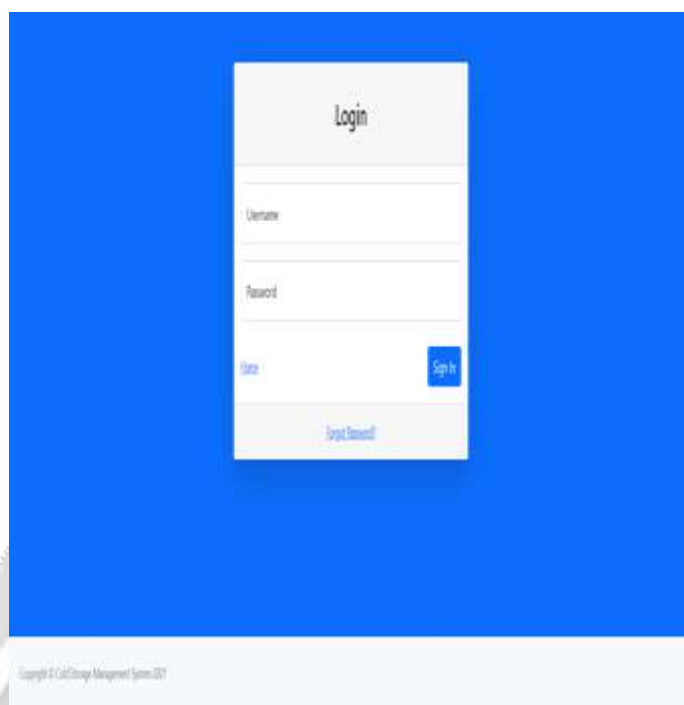


Fig 5

ALL APPLICATIONS

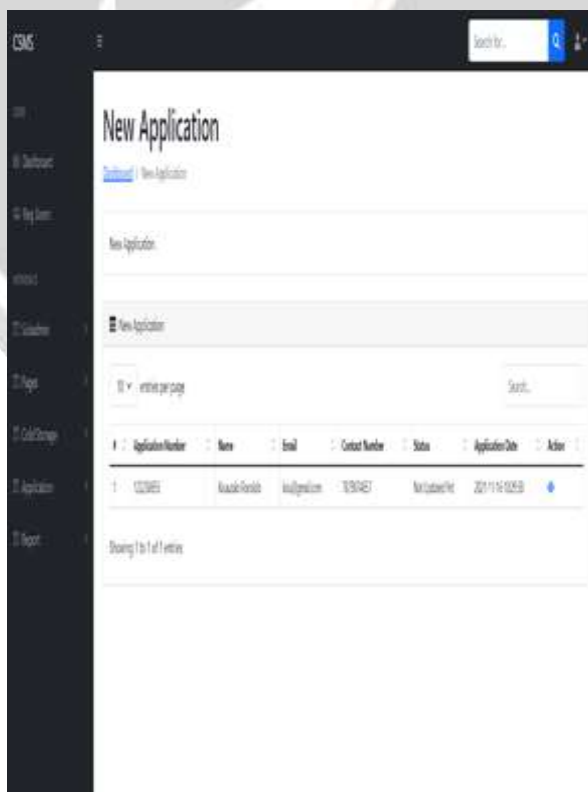
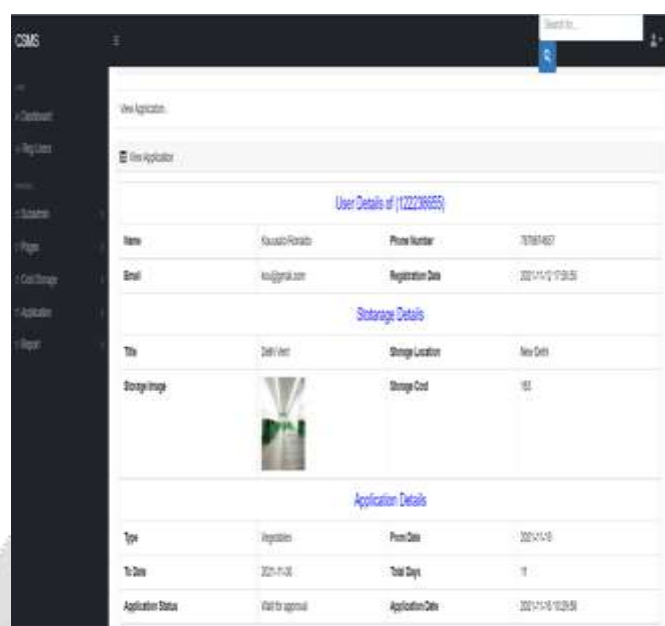


Fig 6


VIEW APPLICATION


The screenshot displays a web application interface with a dark sidebar on the left containing navigation options like Dashboard, Register, Storage, Pages, Catalogue, Application, and Report. The main content area is titled 'View Application' and shows details for a user and a storage application.

User Details of (12238655)

Name	Kausar Parabi	Phone Number	78761457
Email	kaugparabi@gmail.com	Registration Date	2023-11-15 17:28:59

Storage Details

Title	Self Vent	Storage Location	New Cells
Storage Image		Storage Cost	151

Application Details

Type	Registration	From Date	2023-11-15
To Date	2023-11-15	Total Days	11
Application Status	Wait to approval	Application Date	2023-11-15 17:28:59

Fig 7

CONCLUSION

This system can be utilized by any individual for businesses providing cold storage for their customers etc. It provides a very minimal from the user without any complications and requires less time for the process of availing the cold storage by reducing the manual work also users can rely on their system since it has very straightforward procedures.

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