WEB BASED FORM EQUIPMENT RENTAL SYSTEM FOR AGRICULTURE

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ABSTRACT:

This paper is based on the idea of hiring equipment. This project has upgraded the E-commerce website to close the gap between the farmer and the seller on a lease basis. Before logging into the main application the user must go through the login system to access, only the user can select and book resources.

In this paper it is full and full of data about the products. This paper provides assistance to farmers. The main purpose of this website is to manage a series of agricultural machinery including various agricultural machinery such as Harvester, JCB, Tractor, Pickup, Rotor and more. The proposed system is easy to use for end users. The website allows the seller and farmer to update their previous information.[3][5]

KEY WORDS: Hiring, equipments, E-Commerce, Rental duration and charges etc.

1. INTRODUCTION:

Nowadays farmers do not have extra money to buy implements. But the tools are very important for farmers. So, that's why we built one website. Here we try to provide the farmer or the user with the service that they can take the goods by renting them every hour.On this website the farmer must create an account. Thereafter the farmer or user must log in with a username and password. Now the farmer sees the equipment available and the rental process. Extensive services that deliver equipment on time and when needed, with minimal waste of resources. Our website has a place to provide a unique ID for each farmer and dealer as well as registered equipment as well. [1][2].

     i.   Phone pe

    ii.   Google pay

   iii.   PayTm

2. LITERATURE REVIEW:

Previously the farmer needs an equipment they went to hardware store, but all kind equipment's areavailable there.In hardware store they will charge more money for each equipment.But every farmer does not have sufficient money to buy every equipment which will require for the farming[2][3][6].

DISADVANTAGES OR LIMITATIONS:

❖ It can be exhausting and time-consuming.

❖ Sometimes Taking More Time.

❖ Heavy Crowd issues.

3.PROPOSED METHODOLOGY:

This web based form equipment rental system was very user-friendly. In this website we are full and fully maintain equipment data. The users can login website using their user name and password. In this website the users can visit at any time.This paper mainly we are developing to the poor farmers. Because of they are not able to buy all kind of equipments. So, here we are trying to provide a service for rental purpose with low cost.[5][7][8][9][10]

3.1FRONT-END DEVELOPMENT:

The front page was encoded in HTML and CSS. Hypertext tagging language is the language used to design application web pages. The page is an HTML document stored on a web server and it does not change. This was done by Cascading Style Sheet (CSS). CSS is a style sheet language that describes the look and format of a document. These CSS files are linked to class files. And for this project we are using DJANGO FRAME WORK on web pages.

3.2BACK-END DEVELOPMENT:

In this paper we use PYTHON technology for the retrospective process. Sometimes we have to do some actions at the same time we use python logics. Database Management System provides back-end backup support. A database management system is actually software where the administrator can build a website, add, drop, modify and update tables. Tables can hold different types of data for example: total number, variable characters etc. in our application we have selected SQL SERVER to host the site. SQL SERVER is a database management system. The main reason is that the SQL SERVER development project has made its source code available under the terms of the General Public License (GNU) which is an open source web application. [8]

3.3DATABASE DESIGN:

One of the most important and challenging tasks is website design. Information transmitted by the seller or farmer while registering on the site is stored on the website. Products with copyright, description and image are stored on the website. In addition, when the administrator reviews any of the installed products it will be updated on the website. Therefore, the system is closely related to the website[7].
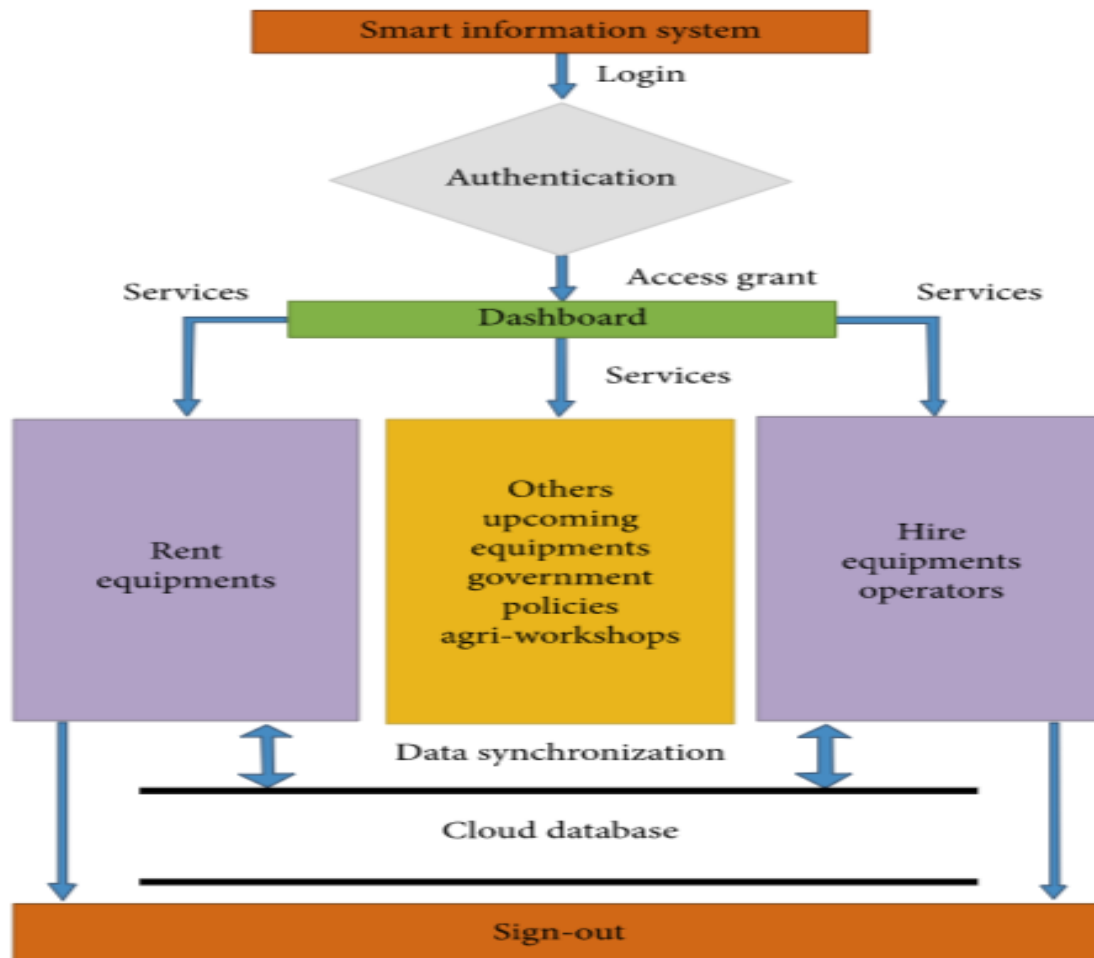

Figure3.1: System Architecture of Admin

3.4 ADVANTAGES OF PROPOSED SYSTEM:

❖ Use any where.

❖ Low cost rent basis.
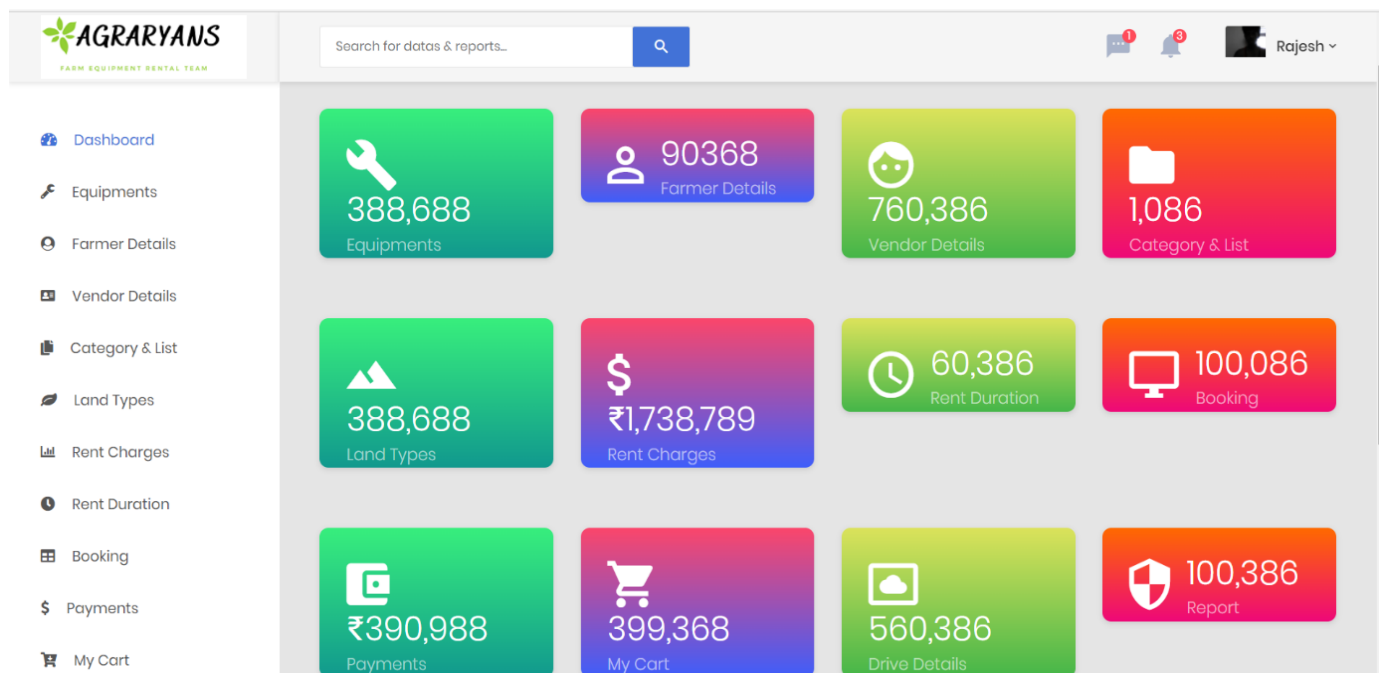
4.RESULTS & DISCUSSION:

Figure 4.1: Dashboard Screenshot

This is the main dashboard of the this website in that page it showing equipment, farmer, vendors and vehicles sales list. [5]

Equipment List:

Figure 4.2: Equipments List

Farmer Details:

Figure 4.3 : Farmer Details

Vehicles Details:

Figure 4.4 : Vehicles Details

5.CONCLUSION:

One of the most important and challenging tasks is website design. Information transmitted by the seller or farmer while registering on the site is stored on the website. Products with copyright, description and image are stored on the website. In addition, when the administrator reviews any of the installed products it will be updated on the website. Therefore, the system is closely related to the website

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