

RENTAL HOUSE FINDER (LOGIN USING AADHAR NUMBER) SYSTEM

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Abstract -- *The house rental issue is one of the elemental parts of society. Nowadays, it is extremely difficult to find suitable accommodation in city areas if people search for it physically. On the other hand, the land owner also needs to rent the house. It can be difficult to find tenants just to hang a lease sign on a building, and as a result, they lose money. An online common platform can play a vital role in this case. The purpose of the study is to develop a common web-based online platform for both tenants and house owners so that both tenants and landowners will mutually benefit from the system. This system presents the development of web applications for the people of India where both house owners and tenants can register and tenants can have houses for rent via sophisticated contact with the house owner. In this paper, a common online-based smart house rental finder web application has been developed both for tenants and for house owners. This web application is very user-friendly, efficient and it has got many unique features that are not offered by other currently available house rental websites here in India. Tenants can register using their phone number, Aadhar number store information about their identity, search for available houses, send messages to house owners, and choose a suitable house using developed web applications.*

House owners can also register for the system, which will manually verify and authenticate the knowledge provided by the house owner can view a tenant's information history whenever a tenant makes contact through text and supply house-related information accordingly. The proposed online smart house system has been tested and validated. It works

very efficiently with many features. The application provided faster and improved opportunities to get houses, as well as ensuring the availability of houses for rent in the greatest number of areas. The system will help to spread trustworthy services nationwide and supply users with the chance to speak and improve the house rent in India. Because it has many smart features, this developed online smart house rental web application will make it very easy for tenants to find a house to rent. House owners, on the other hand, can easily rent out their properties.

Keywords: *rental house, searching, mobile application.*

1. INTRODUCTION

Development of houses for rent has become an important factor in modern society. This chapter will provide a brief understanding of the background of the study, definition of the project problem statement, its objectives, scopes, project justification, project deliverables and project budget and schedule. Housing has central importance to quality of life with considerable economic, social, cultural and personal significance. Though a country's national prosperity is usually measured in economic terms, increasing wealth is of diminished value unless all can share its benefits and if the growing wealth is not used to redress growing social deficiencies, one of which is housing. Housing plays a huge role in revitalizing economic growth in any country, with shelter being among

Unfortunately, there may not be enough good quality rental housing for these families. The demand for rental houses is extremely high and more rental houses need to be put in place. Developing rental houses has numerous advantages, particularly for landlords, who can increase their profits through the rent paid by tenants. The increased number of tenants and landlords complicates management, especially for landlords who lose large sums of money to tenants who do not pay their rent. The above statement gives a clear declaration as to why rental house management system needs to develop. Whether you are tired of all the existing ready flat buy sale portal, or in quest of a flat for sale in Bangladesh, let the most noted online property selling site in Bangladesh, is recommended by experts and developers. According to the Bangladesh Labor Force Survey 2016-17, around 44.0 percent of dwelling houses in urban areas of the country are rented while the ratio is only 3.0 per cent in rural areas. Again, as estimated by the Bangladesh Bureau of Statistics (BBS), housing and house rent make up 17.25 per cent of monthly household consumption expenditure. By adding 5.0 per cent of total spending on light and fuel to this, monthly housing related spending becomes almost one-fourth of the total spending of a family. People come to the city from all over the country to live the life they want. Also, people want money and big cities are the platforms for making money. Everyone tries to do business or get a job with a good salary. Now the point is, they come to cities where they have their own place to live. So, everyone tries to get a house for rent. Also, students from all districts come to Dhaka and other big cities to pursue higher education. 97% of students are bachelors and they

need a house to live in. But the main problem is that getting a house for rent is lengthy and it takes a long time to be processed.

2. EXISTING SYSTEM

In existing system is naturally a big concern for any business on the Internet. Since data is being transported over public networks, this makes it possible for third parties to snoop and derive critical information. Security and safety is an important topic in conducting business on the Internet; online house rental are no exception. During the houses rental finder, tenants have to submit their personal information to the system, as well as provide electronic payment for their goods. Hundreds and perhaps thousands of credit card numbers, home addresses, and phone numbers were exposed for months through a security hole on many Internet house rental sites. Few sites provide security features such as SSL and VeriSign security. In the survey of protections on smaller sites, there is less than 20% implementing security technology.

3. PROPOSED SYSTEM

In Proposed online houses rental finder site acts as an intermediary. owners and users will interact with each other for their payment transaction. In order to prevent trustworthy transaction problems, it should provide a mechanism for trustworthiness such that the identity of the parties is established/verified. Almost every online business makes use of registration to identify and classify their customers. However, the difficulty lies in identifying information, which can be readily verified, which is also unique, difficult to fabricate, and does not

reduce the potential customer base. Most systems therefore are relatively weak at ensuring the validity of information offered to identify registrants. The limits for ensuring trustworthy online registration are principally set by the availability of online verification services. The house rental may be able to do data field type checking (validate post codes or names). The one verifiable piece of information under current systems might be the customer e-mail address. In practice the only sure way of ensuring customer trustworthiness might be to limit the customer base to a set of certified users.

The administrator should fill all the fields, if not it shows error message.

MANAGE HOUSES

It is used by the administrator for adding a new houses and/or deleting the existing houses. All the fields the administrator can click the button to store the item to the store table. It checks whether the given code is correct, if yes allows the administrator to update the houses details else displays the error message. The administrator should fill all the fields, if not it shows error message.

ENROLLMENT

A registered user is a user of a website, program, or other system who has previously registered. Registered users normally provide some sort of credentials (such as a username or e-mail address, and a password) to the system in order to prove their identity: this is known as logging in. Systems intended for use by the general public often allow any user to register simply by selecting a register or sign up function and providing these credentials for the first time. Registered users may be granted privileges beyond those granted to unregistered users. The user credentials are typically some form of "username" and a matching "password", and these credentials themselves are sometimes referred to as a login, (or a logon or a sign-in or a sign-on). In practice, modern secure systems also often require a second factor for extra security.

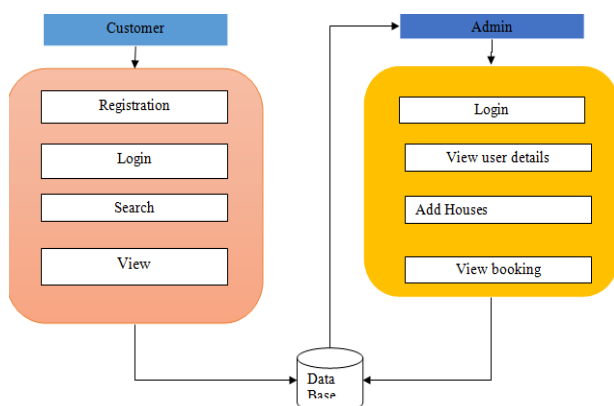


Fig 1:Architecture

4. MODULES DESCRIPTION

ADMIN LOGIN

The administrator login pages same as a user login page. The only difference is that the username and the password for this page are not maintained in the table. After filling all the fields the administrator can click the button to sign in. It checks whether the username and password are correct, if correct allows the administrator to update or view the details else displays the error message.

VIEW HOUSES

In this module, the user will login to the system using user id and password. The user will view many houses on the website. Their houses are such as; electronic machine, mobiles, books, jewelleryes, dresses and etc. the user will view houses price and discount of the houses.

4.5. USER SEARCH

In this module, User once access the system, user can search various model of the houses into the website. The user can search based on the type of house, city whatever user needed.

4.6 VIEW USERS

In this module is used the admin can be view the user information like personal details and search houses details.

5.SERVICE IMPROVEMENT

About 30% of all vulnerabilities listed on the National Vulnerability Database are linked to PHP. These vulnerabilities are caused mostly by not following best practice programming rules: technical security flaws of the language itself or of its core libraries are not frequent (23 in 2008, about 1% of the total). Recognizing that programmers make mistakes, some languages include taint checking to detect automatically the lack of input validation which induces many issues. Such a feature is being developed for PHP, but its inclusion in a release has been rejected several times in the past. There are advanced protection patches such as Suhosin and Hardening-Patch, especially designed for Web hosting environments. PHPIDS adds security to any PHP application to defend against intrusions. PHPIDS detects attacks

based on cross-site scripting (XSS), SQL injection, header injection, directory traversal, remote file execution, remote file inclusion, and denial-of-service (DoS)

6.EXPRIMENTAL RESULTS

The experimental results for our rental house finder system project showed that the system was effective in helping users find rental properties that met their needs and preferences. Our user testing indicated that the system was easy to use and navigate, and users appreciated the comprehensive and accurate property listings. Additionally, we observed high levels of user engagement and successful rental agreements facilitated through the system. These results suggest that the rental house finder system has the potential to make the rental property search process more efficient and user-friendly.

7.CONCLUSION

The online houses rental finder system has made customers more efficient and efficient in their behaviour and has driven businesses to new heights, forcing many to make the adjustments and changes necessary to reach a new market of knowledgeable consumers. The rapid growth of e-houses rental finders has led to an e-transformation in global retail infrastructure. Thanks to a growing internet and higher incomes and a more large population, despite many obstacles. Secure online payments, good for electronic stores, return policies and exciting discounts help you understand the benefits of the houses rental finder system.

8.FUTURE ENHANCEMENT

It is not possible to develop a system that makes all the requirements of the user. User requirements keep changing as the system is being used. Some of the future enhancements that can be done to this system are: As the technology emerges, it is possible to upgrade the system and can be adaptable to desired environment. Because it is based on object-oriented design, any further changes can be easily adaptable. Based on the future security issues, security can be improved using emerging technologies. Sub admin module can be added. An in-built web browser can be added. The future plan of this project is to improve design, implementation and documentation in such a way that anyone can use this project for better perform. We will develop the site more dynamically and the database work as well. In future we will add the following module for better improvement of the project: More security in the system, more user friendly system.

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