A Mini Project Synopsis on

Housing Rental System

S.E. - IT Engineering

Submitted By

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CERTIFICATE

This to certify that the Mini Project report on Housing Rental System has been submitted by Harmi Mathukiya (21104044), Atharva Mohape (21104121) and Anurag Gupta (21104109), Shubham Gupta (21104043) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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TABLE OF CONTENTS

Chapter 1

INTRODUCTION

This main objective of this project is to create an online rental management system that allows user to search and rent or buy a house based on there choise like region , amount and their preferable area , etc . The selected house will be shown in tabular form . Due to this , there is no involvement of middle man . there is no physical participation of tenants and landlords init . This leds to saves physical work ,valuable time and money .

1.1 Purpose :

People hires home for rent or lease . Some people buy the house by their own . Some people will not having the idea of exact where the houses for present for rent or lease . To solve this problems house renting system will be off great help . It will allow the user to search for the house for their choice . This will result in transparency . Trhere will be direct contact with the person who will giving the house for rent and customers . There will be no middle man involved in this matter .

People from different places travels for some days for some issues they need some houses for their needs. for example, Students for study purpose they stay away from our home and workers travels for work in both the conditions they need houses for stay so our website can help to find the houses easily.

Our project can be used for some other prospectus also.

1.2 Objectives :

1. To encourage the tenants to choose a range of affordable , accessible and decent housing option throughout the community.
2. To transfer the manual process of renting a house to be an computerized system .
3. To save the high percent middle man commission .
4. To facilitate home record keeping for who wants home and for administrative management system .
5. To provide a fully functional automated home Rental Management system that will be an online system .
6. To develop an efficient application that will be helpful for not only members but also landlords .

1.3 Scope :

1. Can be useful for the system which will remove tedious task of customer to search home in their range easily for rental .
2. Moreover it provides lot of facilities to its customer like easy to operate and there will pe filter from which tenants to choose the range of houses which they want .
3. This system is concerned searching a home rental, payments and account control on online way this keep up to date data of payment transactions .
4. This will help to home rental to keep daily and history records details of the customers need in proper database .

Chapter 2

Problem Definition

We are creating a house renting system where its easy for a user to find a particular dream house which helps them not to get into pressure and they can find all kind of living facilities , apartments and all kind of renting system on our website . It saves time and physical hard work to find their living facilities .

On recents times , people have so many priorities based on which they they have to rent there house . Some people wants their house to be in the commercial space , or some wants in a free space . Some people prefer to choose area pf their house relating the religion they belongs . Again , there are lots of people who love pets , therefore they want a house which has pet allowance To rent a house in physical world has become less popular now aday No wants to roam around here and there to search for a house . People will prefer the virtual system to rent a house . To solve this situation and represent a free environment to the people , a dynamic system can be implemented

Chapter 3

Proposed System

3.1 Features and Functionality:

1. We are providing certain filters where they don’t have to search everything manually. There are certain blocks where they can select budget , exactly by their personal preferences . All kind of facilities are shown on our website what they provides while renting.

2. The database of the house that are available for rent or sale must be maintained in a well organized manner .

3. The customer can search for the houses based on rents or sale , region , country , 2BHK or 3BHK and many more . This will help the customers to filter the item properly and search the right house that they need . The website will give the customer to pay amount in a easy manner

4. There will be no middle man involved in the house renting system . It will be one to one communication that will be take place . This result to save the middle man commission in house renting .

5. We have some features like we have some verified users who have used our website to rent their facilities . To help everyone out how actually our system works.

Chapter 4

Project Outcomes

1. Managing the level of the project is pretty easy and so is storing the details of house and users and it will save the physical hard work and invaluable time to find rooms/flats.

2. It will be a service which connects tenants to landlords and vice versa and it will make easy to find rooms/flats for the renters and upload the location and other information landlords .

3. There will be complaint box for tenants and landlords which is not available in direct-offline mode .

4. Owner can receive money by online banking service which is secure and keep the up to date records of payments .

Chapter 5

Software Requirements

- JAVA :

Java is high level ,class based object oriented programming language. It is one of the most widely used programming language , java is used as server side language for most back-end development projects .

- HTML :

HTML is the HyperText markup language .It is Standard markup language for web pages. With HTML we can create our own website . HTML is a code that is used to structure a web pages and its content .

- CSS (Cascading Style sheet) :

CSS is used to style and layout webpages. It is the language for describing the presentation of web pages, including colours layout and fonts.CSS is independent of HTML and can be used with any XML based markup language.

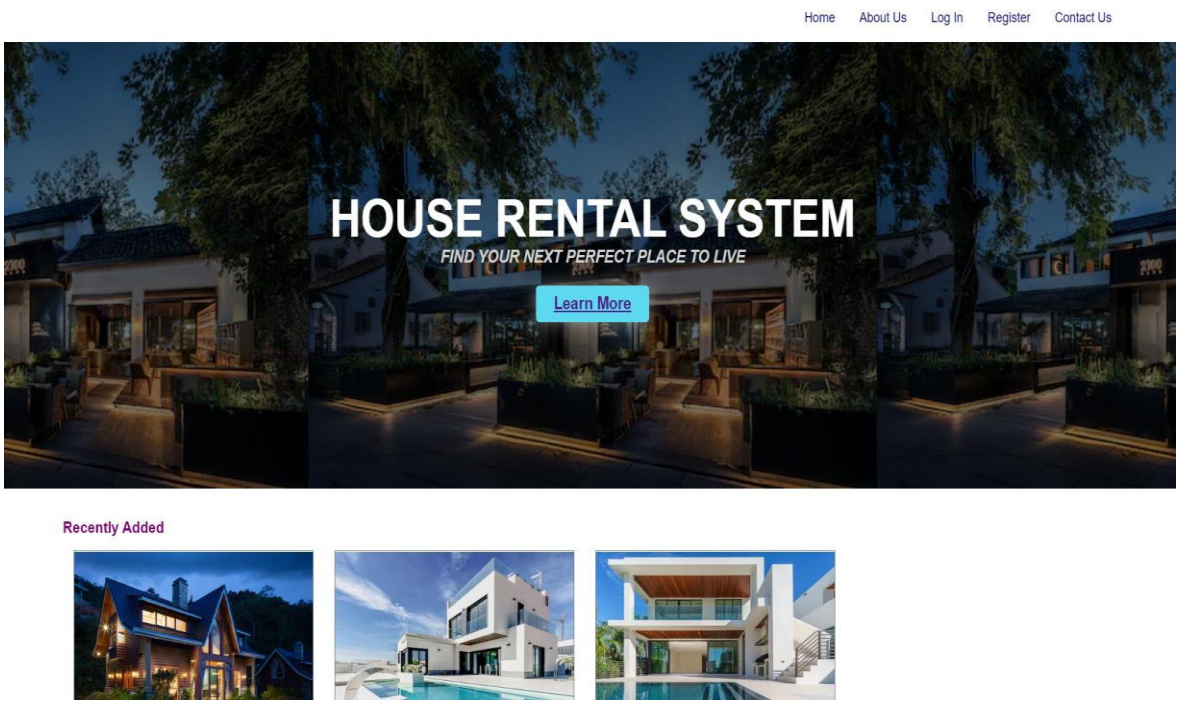
- MySQL :

MySQL is a relational database management system based on the structured Query Language ,which is popular language for accessing and managing the records in the database .

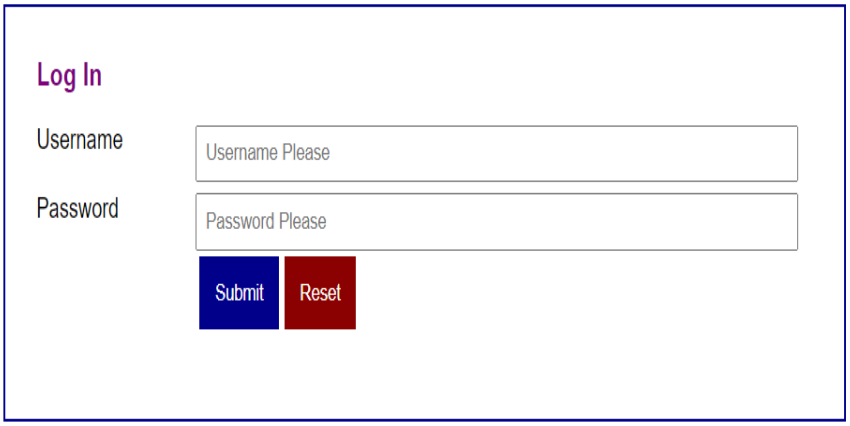
Chapter 6

Project Design

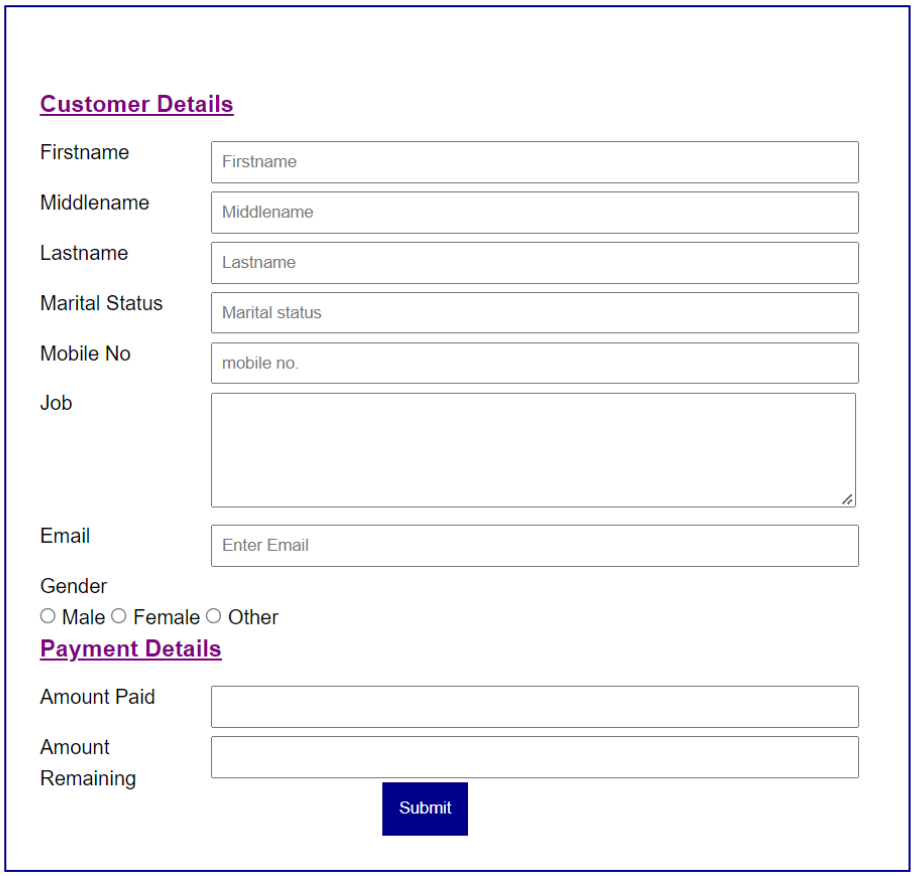
Home Page



Login Page



Customer Details



Chapter 7

Project Scheduling

Project Scheduling

WBS NUMB	TASK TITLE	START DATE	DUE DATE	DURATION (Weeks)	PERCENTAGE OF TASK
1	**Project Conception and Initiation**				
1.1	Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	7-28-22	8-4-22	1	100%
1.2	Identifying the functionalities of the Mini Project	8-4-22	8-11-22	1	100%
1.3	Discussing the project topic with the help of paper prototype.	8-11-22	8-18-22	1	100%
1.4	Designing the Graphical User Interface(GUI)	8-18-22	8-25-22	1	100%
1.5	Presentation I	8-25-22	9-8-22	1	100%
2	**Project Design and Implementation**				
2.1	Database Creation	9-8-22	9-22-22	2	100%
2.2	Connectivity	9-22-22	9-29-22	1	100%
2.3	Report Writing	9-29-22	10-6-22	1	100%
2.4	Presentation II	10-6-22	10-20-22	2	100%

Chapter 8

Conclusion

Home renting Management system reports in java . The website shows that a house rental system can relay help people and organization that offers a good quality of service in renting houses . This website try to solve the issue arises from the customers .

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