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# SDP-1 PROJECT

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RENTAL SYSTEM (RES)

BATCH- 453

REVIEW 1

# Content and outline of project

- 1.Abstract
- 2.Charts and graphs on survey we conducted
- 3.Customers Journey map
- 4.User Persona
- 5.Emphy map
- 6. Story Board
- 7.User stories of some users
- 8.Refernce websites
- 9.List of End Users
- TEAM MEMBERS-


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# ABSTRACT

- This project focuses on providing house for rent to people. This project helps people to save time .
  - Our rental management software helps you manage bookings, inquiries, availability and more- all from a single platform.
  - We provide innovative solutions for payments, maintenance, and channel management. With enhanced productivity, take your business to the next level.
  - We are responsible for communication between customers and owners and maintain the database
  - There are many online rental systems but in our website there are many facilities like payments, maintenance, and channel management
- 

# INTRODUCTION

- The House Rental System is Search Based on the Apartment/House for rent in metropolitan cities. The House Rental System is Based on Owners and the Customers. The Owner updates Apartment/house details with images and rent details.
- Rental management system is a software application for the operations of house/apartment/villa accommodations and commercial residential rental properties. Functions managed by a RMS include automation of many common tasks, including Bookings. Check-in and check-out.
- This website is divided into 2 categories :owner login and customer login.
- Our website displays all the available house data such as photos , address , city , state and further details.
- Talking about this website, an owner can manage the booking details of the house that he/she lists on to the system.
- In terms of booking for rental , both owners , as well as the renter have access to it by filling up certain forms.

# OUR PROJECT INCLUDES

- our project includes few concepts from Technical Skilling for construction and Elements Of Software Construction for Processing .
- Our Project May Include Waterfall Model - which has Communication  
Plan  
Modelling  
Construction  
Deployment

Communication – Communicate with customer to understand objectives and gather requirements

Plan - creates a “map” that defines the work by describing tasks, risks and resources, work products and work schedule.

Modelling - Create a “sketch”, what it looks like architecturally, how the essential parts fit together and other characteristics.

Construction - code generation and the testing.

Deployment - Deliver to the customer who evaluates the products & provides feedback based on the evaluation

# Charts and graphs on survey we conducted

## 1. Name

[More Details](#)

45

Responses

Latest Responses

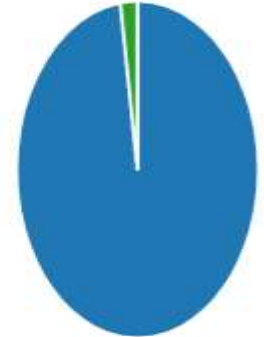
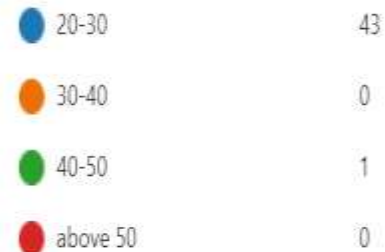
"VULAVALAPUDI VEDA MANOHARA SUANADA"

"Nandini Paleti"

"Divya Teja"

## 2. Age

[More Details](#)





# Charts and graphs on survey we conducted

3. what kind of work do you do?

[More Details](#)

42

Responses

Latest Responses

"STUDENT AT KL UNIVERSITY"

"Studying"

"Student"

4. what parameters you will check while taking a house for rent?

[More Details](#)

price	11
locality	22
neighbour	5
water and electricity facility	7



# Charts and graphs on survey we conducted

5. which type of house do you want?

[More Details](#)

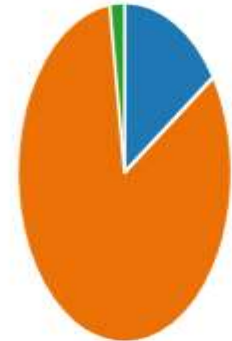
● apartment	11
● villa	14
● individual house	20



6. how many people would be living with you?

[More Details](#)

● 1-2	7
● 3-5	37
● 6-8	1

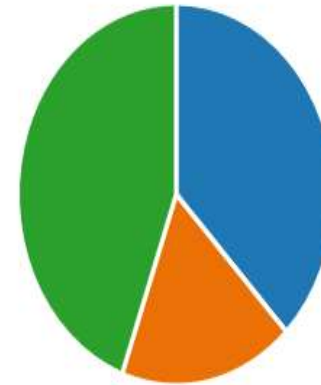




# Charts and graphs on survey we conducted

7. would you able to pay the deposit at the lease signing?

[More Details](#)



# PERSONA

A user persona is a semi-fictional character created to represent different customer types that use a company's products or services . There Are –

Goal-directed personas

Role-based personas

Engaging personas

Some certain Persona's



# PERSONA 1

Name – Sheyala

Age – 29

Working As – Software Employee

Requirements – Since she is a software employee her work timings may be different at some point of times so in order to manage it she requires a house that would be nearer to her office to under go some safety measure and for time saving



# PERSONA 2

Name – Paresh

Age – 49

Working As – Contract Based Worker

Requirement – Since we know that contract based worker couldn't earn much he requires a house that would satisfy his basic shelter needs



## PERSONA 3

Name – Kamakshi

Age - 35

Working As – Constable

Requirement - She got a job after his husband's death due to COVID – 19 and since she doesn't know how to manage the resources since they all lost she decided to take a house which would be also nearer to his police station



# User stories

- As a customer I want to see how many houses are available in a particular locality So that it reduces time to search .
- As a customer I should be able to filter the list of the houses So that I can sort houses based on the price and type of the house.
- As a customer I want to proceed for payments in the website So that I can book the flat in the apartment nearer to particular my selected locality
- As a customer I should be able to contact the owner of the house/apartment So that I can rectify my doubts and get more clarity about that selected house
- As a customer I should be able to see the flats that are available for rent/sale/pg So that I can go for my own choice of residing



# STORY BOARD



He visited our website



customer searches for house  
in our website



making call to dealer whose number  
is provided in our website



Showing house to the customer



Talking to renter about rent



taking advance and making deal

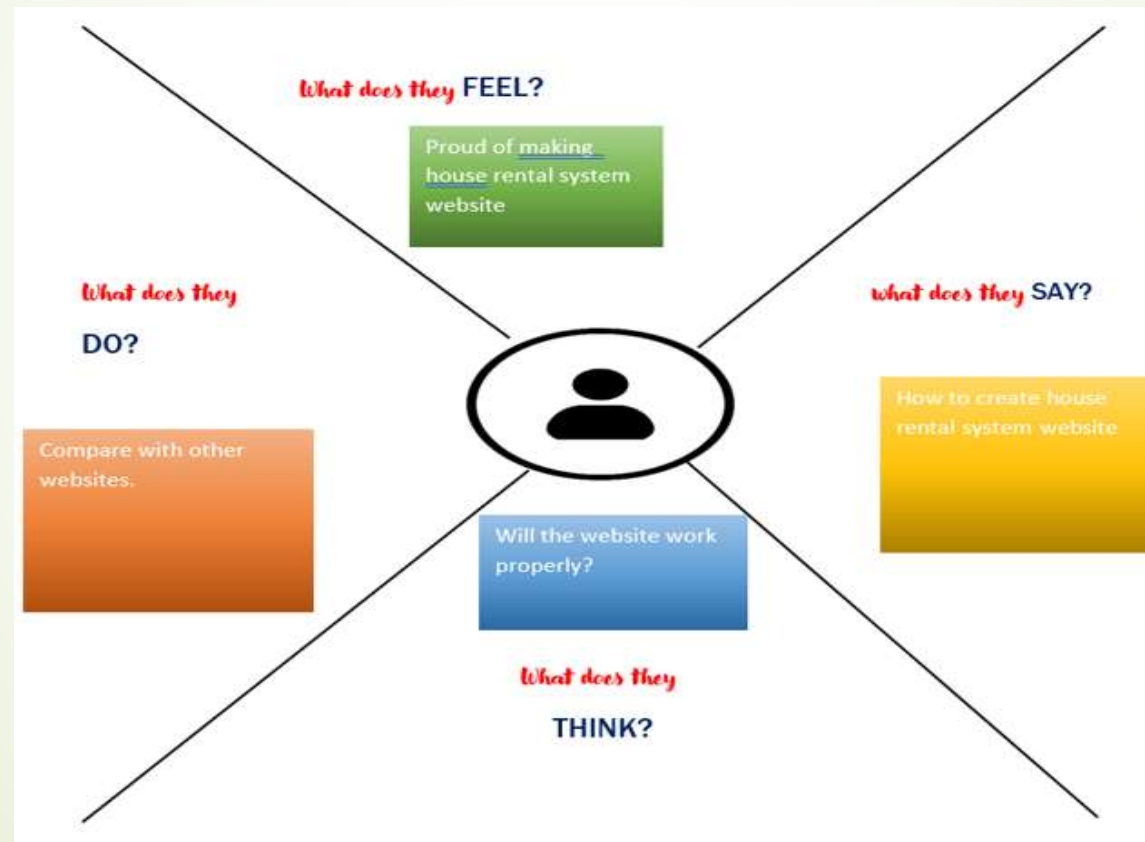


Giving house for rent



happy customer because he got the house  
in his budget which is near to his office

# EMPATHY MAP



# CUSTOMER JOURNEY MAP

	define	compare	negotiate	explore	recommendation
Goals of a designer	Requires a platform to design a website on my own	Searches for the best websites	Finds our rental Management website	Starts using our website	Continue using our website until they got the house
Thoughts of a designer	Is there any other website for rental management system	What are the features in it? What is the best platform?	Is the website free or paid? Does this website have all the features which I thought?	utilize all our features in this website put all our thoughts in designing this website	Satisfaction with our website Suggest it to others
ideas to improve	Empower word of mouth	Develops a positive image of the platform	Support and explore more	increase features and discoverability	Creates awareness meets

# List of end users





# REFERENCE WEBSITES

► Online Rental Property Management System » My Engineering Projects:  
<https://myengineeringprojects.in/engineering-project/online-rental-property-management-system/>

Rental House Management System with Documentation | Free Source Code, Projects & Tutorials:

<https://www.sourcecodester.com/php/14015/rental-house-management-system-documentation.html>





# CONCLUSION

- This is the entire work our team have underwent with! In order to design a secure and customer friendly web application ,we have implemented all the five steps of our design thinking process - empathize , define , ideate , prototype and test. Finally, done with the field research in a excited manner. Based on the surveys conducted ,we have drawn conclusions In order to meet the needs of the customers and will surely be implemented in our House Rental System website.



THANK YOU

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