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FINAL PROJECT DOCUMENTATION

1. Project Overview:

Introducing Our Tenant Management System: Streamlining Rental Property Management

1.1 Purpose:

The Tenant Management System aims to streamline and automate the processes associated with managing rental properties. The primary purpose is to assist landlords in efficiently handling tenants, collecting rent payments, and addressing maintenance issues.

1.2 Expected Outcomes:

- Improved tenant management and communication.
- Timely and organized rent collection process.
- Enhanced tracking and resolution of house-related issues.
- Efficient documentation and record-keeping.

1.3 Scope:

The system will cover the following key functionalities:

- Tenant information management.
- Rent payment tracking and reminders.
- Maintenance request and issue tracking.
- Communication tools for landlords and tenants.

Services for the system on admin side:

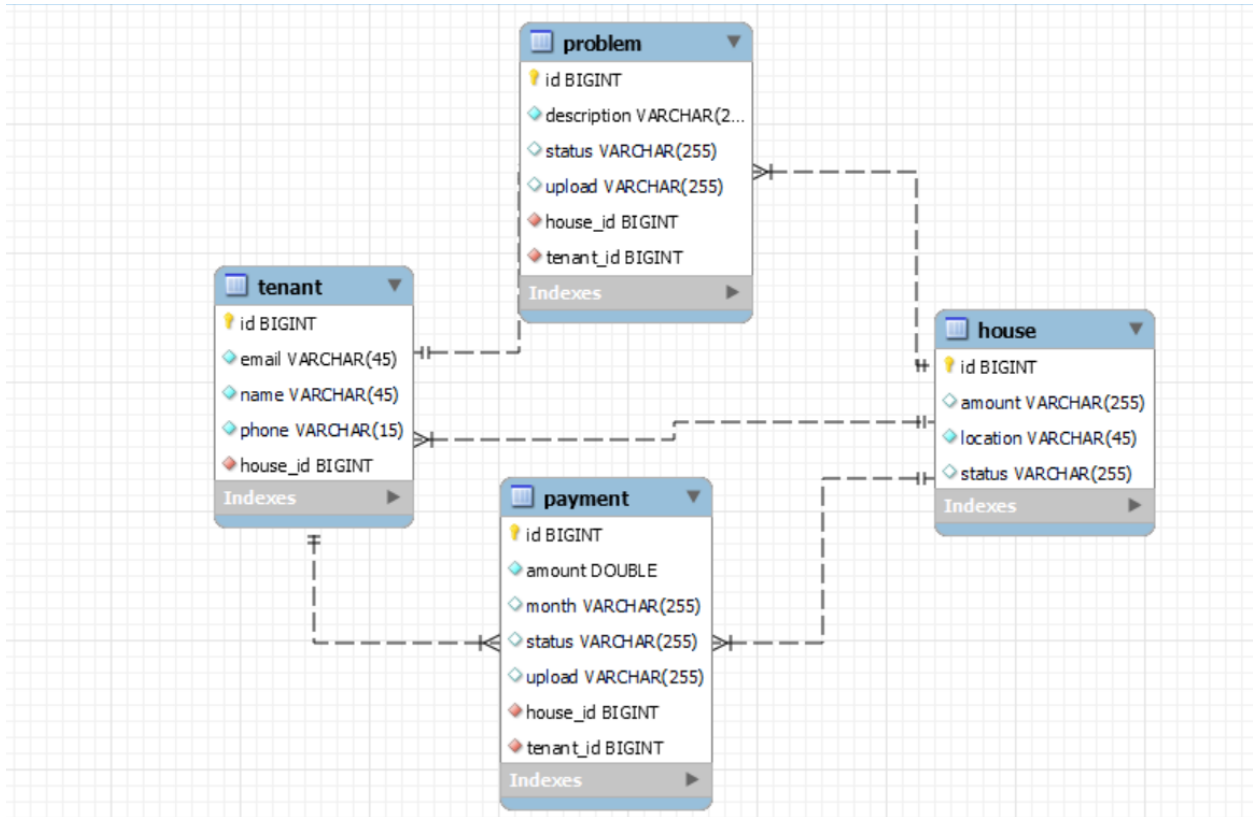
- CRUD Informations about Houses,Tenants,Payments,Problems
- Authentication and Authorization for the admin

Services for the system on client side:

- Add information about himself for registering - Login for himself
- Register Problem and Payment

Tools used:

- Spring Boot
- Html, Css & Javascripts in Templates,Thymeleaf
- MySQL Database



USER INTERACTION

USERS CAN LOGIN AS ADMIN OR AS A NORMAL USER

Registration and Login Module

User Login Page

Invalid username or password.

You have been logged out.

Username :

Password:

Log In

New user? [Register here](#)

USERS CAN REGISTER

Registration and Login Module

You've successfully registered to our awesome app!

Registration

First Name

Last Name

Email

Password

Register

Already registered? [Login here](#)

ADMIN HOME PAGE

TENANT SYSTEM HOME HOUSES TENANTS PROBLEMS PAYMENTS

LOG OUT

Welcome to the Tenant Management System

Your one-stop solution for efficient property management



ADMIN CAN REGISTER AND VIEW HOUSE STATUSES

Houses List

Add House

Search by ID

Search

House Number	House Amount	House Location	House Status	Actions
2	1200	Another Location	Occupied	<div>UpdateDelete</div>
3	800	Yet Another Location	Vacant	<div>UpdateDelete</div>

ADMIN CAN REGISTER AND VIEW TENANTS STATUSES

Tenants List

Add Tenant

Tenant ID	Tenant Name	House Number	Payment Status	Actions
1	John Doe	123 Main St	Paid	<div>UpdateDelete</div>

ADMIN CAN REGISTER AND VIEW HOUSE,SEARCH PAYMENTS

Payments List

Add Payment

Search by Month

Search

Payment ID	Tenant Name	House ID	Upload	Amount	Month	Status	Actions
1	Tenant Name 1	House ID 1	C:\Users\JACK ELECTRONICS\Desktop\tax 2022 prop.txt	1000	January	Paid	<div>UpdateDelete</div>

USER HOME PAGE- USER DASHBOARD

TENANT SYSTEM

[HOME](#) [REGISTER PAYMENT](#) [REPORT HOUSE PROBLEM](#) [LOG OUT](#)

Welcome to the Tenant Management System!

Choose an option below to get started:

[Register Payment](#)

[Report House Problem](#)

REGISTER PAYMENTS

Payment Management System

Save Payment



Problem Registration



Save Problem

[Back to Problem List](#)