REAL ESTATE MANAGEMENT SYSTEM

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ABSTRACT

- The project “REAL ESTATE MANAGEMENT SYSTEM” is a stand-alone application related to estates.
- REMS is an efficient solution for his/her estate query problem.
- Software is secure as only authorized users are privileged to use it for inserting, updating and deleting the properties provided in the database.
- Software shows different estates available for buying, all the properties of Seller and properties available for renting.

INTRODUCTION

- **Project purpose**

  This Software is called REMS through which a user can access its information and manage all the adding, updating, deleting the assets and some of its tasks. The Admin user can update the information regarding property selling/buying and cancellation. The system is very useful for the companies who develop apartments, bungalows, villa, farmhouse, co-operative and commercial properties

- **Project scope**

  This project gives a wider scope for Booking agents as it helps them providing buyers an estimate of prices for estates in a particular zone for the required area for which they designated. Admin can book,update or retrieve information about different real estates for people who are not authorized to use the Software.

  This Software also provides a better advantage for the buyer/seller as their property details is maintained in much systematic order. Admins can authorize to the software buy paying a required fee.

PROJECT GOALS

- **Accuracy:** retrieval of data is accurate as all estates are classified according to different zones.

- **Reliability:** Simple storage design which reduces the complexity in retrieving the data.

System Requirement Specifications

Software Requirements

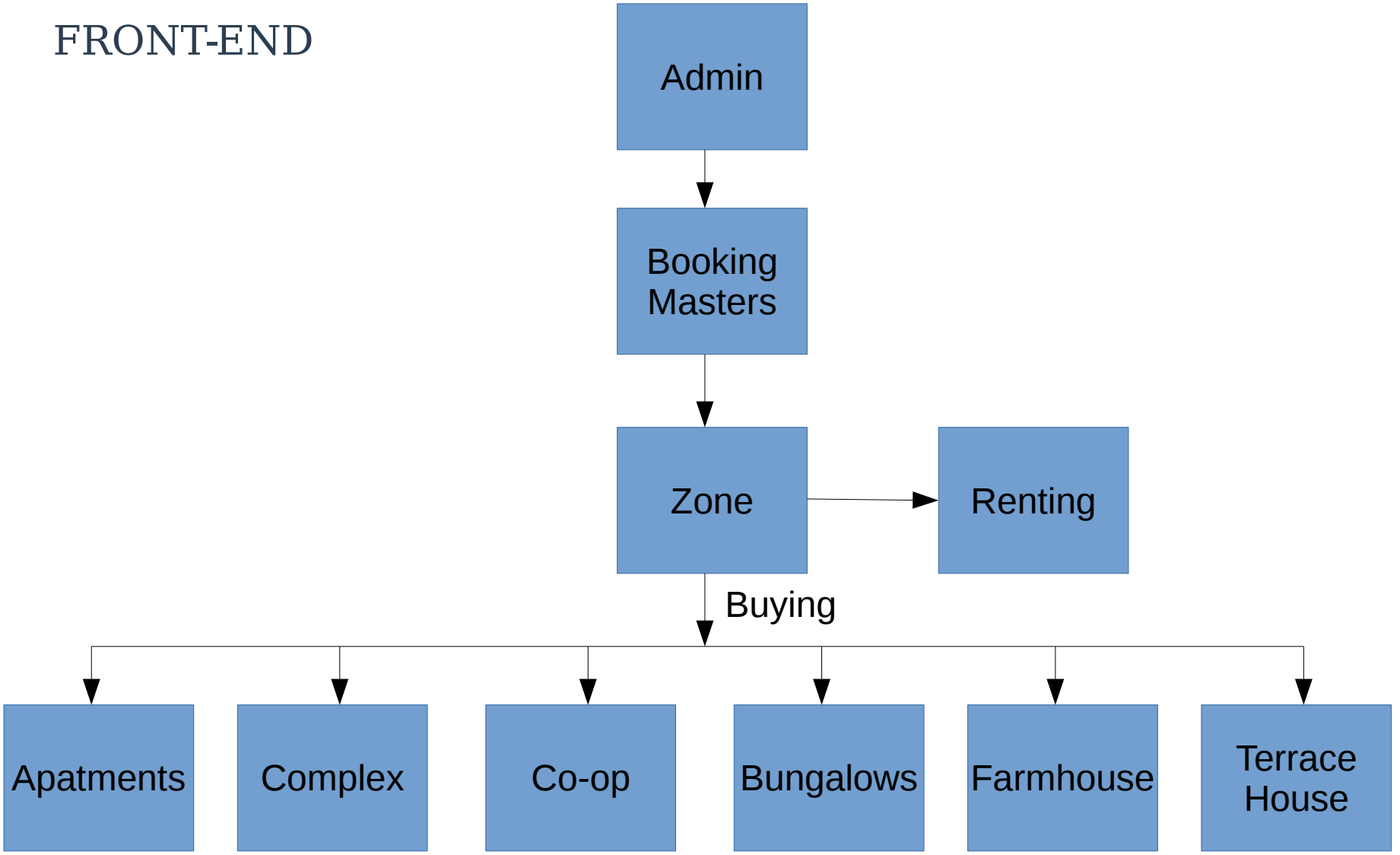
- Swings in Java as a front-end tool.
- MYSQL as a Back-end tool.
- MYSQL JDBC Connector to connect Swings with MYSQL

Hardware Requirements

- Any Processor with Windows OS or UBUNTU having JDK package.

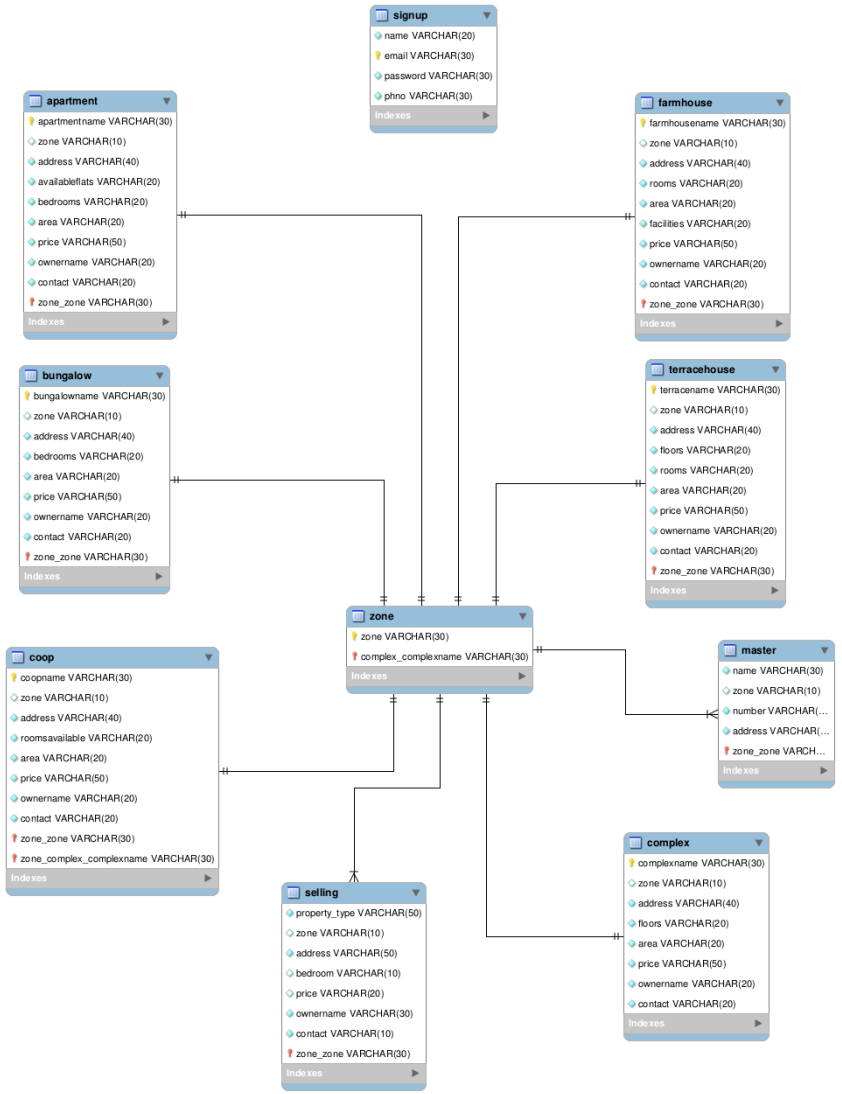
DESIGN & METHODOLOGY

FRONT-END



DESIGN & METHODOLOGY

ER-MODEL FOR BACK-END



DESIGN & METHODOLOGY

METHODOLOGY

- Swing in Java is a set of program components that provide the ability to create graphical user interface components, such as buttons and scroll bars, that are independent of the windowing system for specific operating system.
- Using Swings I first design the front-end for the application, later I added suitable library files like jdbc.jar to the project to provide connectivity to the database.
- Later I designed a database for the project with the tables created in accordance with mentioned fields in the front-end and linked it using jdbc statements provided in the java code.

DRAWBACKS & FUTURE ENHANCEMENTS

- This is a stand-alone project, therefore users are restricted to a single computer. Here, users cannot access their files from any connected computer.

- Additional functionalities like cancellation of booking, customer services can easily be implemented in this software.

CONCLUSION & DISCUSSION

- **Summary of the project**

  In whole procedure to prepare project, I first gathered the requirement of the project and decided the time schedule. After planning I designed the documentation of the project. After the design I generated the code of system.
  In designing the code I did the error estimation and effort estimation. If error was occurred I then solved it. Finally when the code was designed, I then tested the project and estimated the time and efficiency.

- **References/Bibliography**

1) Herbert Schildt: JAVA the Complete Reference, 7 /9th Edition, Tata McGraw Hill,2007.

2) Database systems Models, Languages, Design and Application Programming, RamezElmasri and Shamkant B. Navathe, 7th Edition, 2017, Pearson

THANK YOU