

# Web based Estate Agent

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- API that is front end agnostic

## Key motivations

- sorting by price
- avoid formal accommodation services
- build a personal relationship
- client feedback
- rate a client

# Users and Use cases

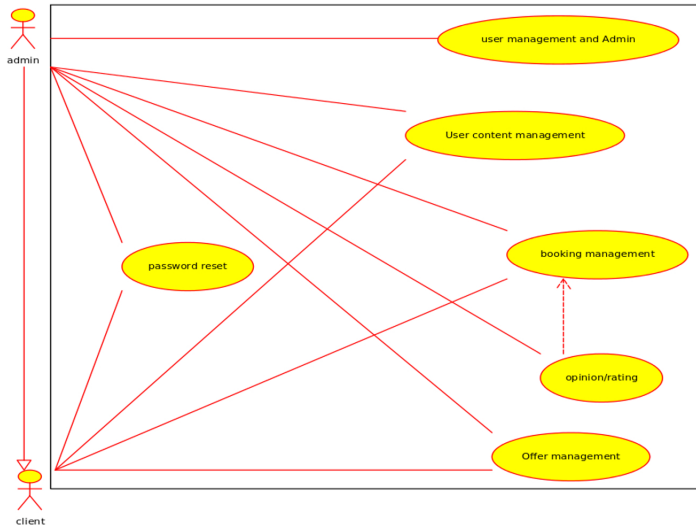
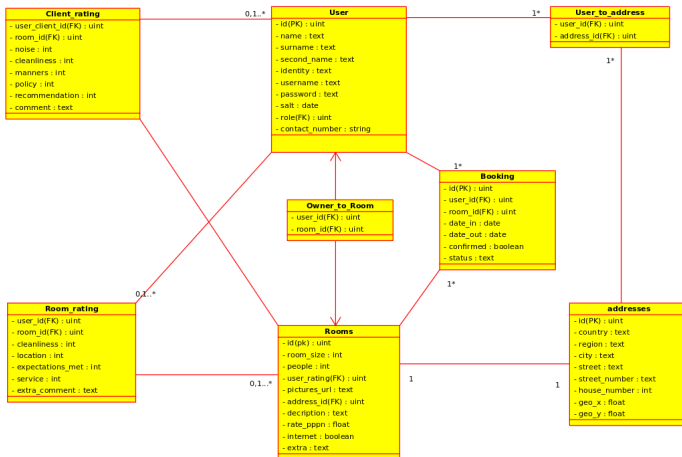


Figure : use case diagram in UML

# Database Design



## Three Tiered Architecture

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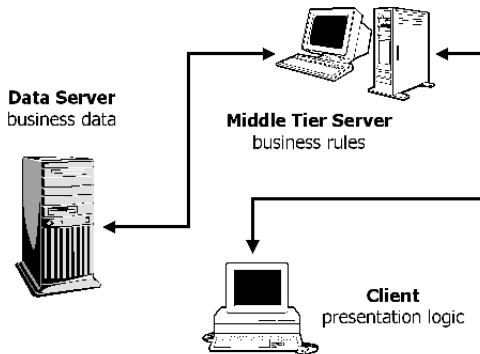
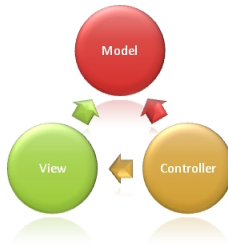


Figure : simplified 3-tiered architecture

# Design Patterns

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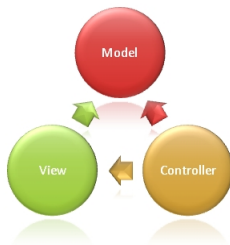


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- View : How the data is presented to the client
- Controller : interface between Model and View

## Protocols and format



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## Protocols and format

- Representational **S**tate **T**ransfer
- HTTP(S) as the message exchange protocol
- JSON as message format

## MEAN

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- OpenSSL
- CSS

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## caveats

Mongo DB might be substituted for a SQL database

Angular JS might be substituted for EJS



## TODO

- API
- WWW server(might not happen)

## Problems

- document store database (Mongo)
- relative anonymity
- security
- Graphical Interface