

# RealEstate Web Application

Developed by Benimana Josue  
Angular (Frontend) + Symfony  
(Backend)

# Project Description

- A real estate platform that connects buyers, sellers, and renters.
- Users can:
  - - Browse properties by location, price, and type
  - - Save favorite properties
  - - Manage their search preferences
  - - Contact property owners directly

# Technologies Used

- Frontend: Angular
- Backend: Symfony (PHP)
- Database: MySQL
- API: RESTful architecture
- Other Tools: TypeScript, Doctrine ORM

# Angular Models

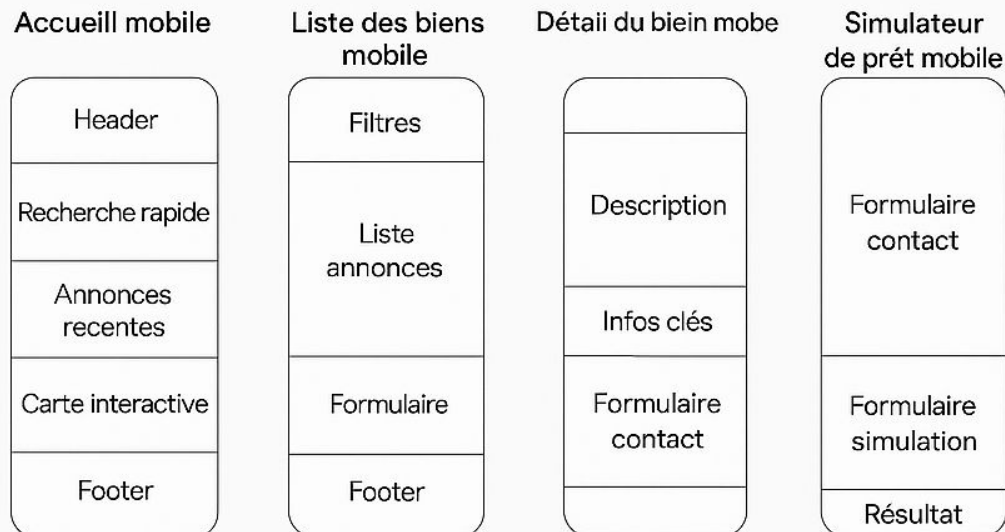
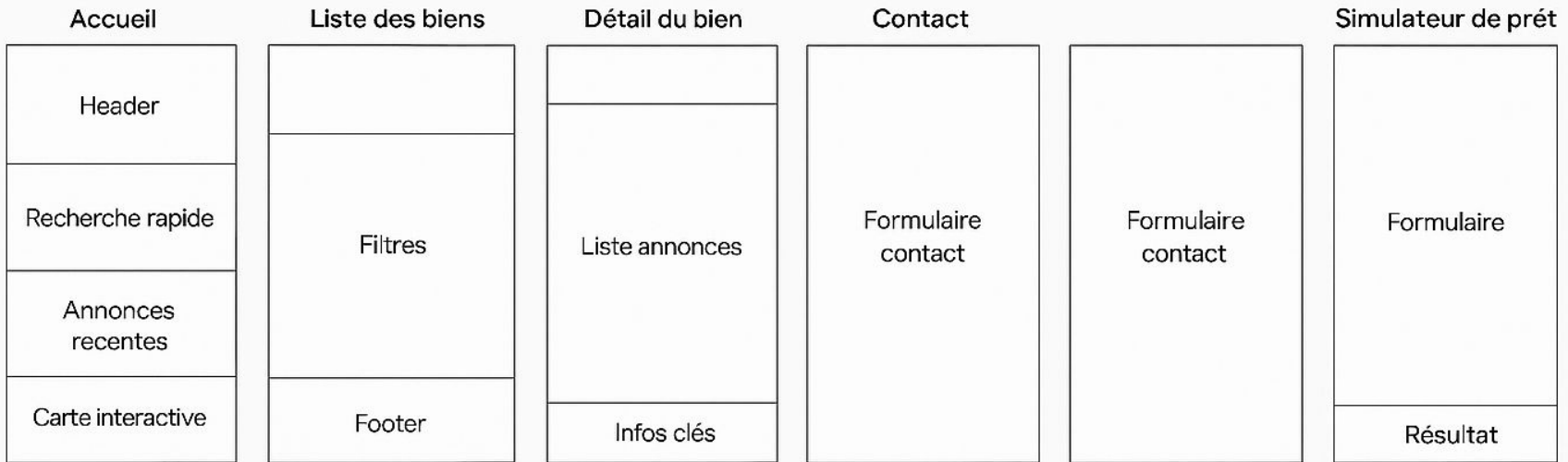
- Property {
  - id, title, description, location, price, type, propertyType,
  - bedrooms, bathrooms, area, images, contactPhone, contactEmail, createdAt
  - }
- User {
  - id, name, email, roles[], savedProperties[], searchPreferences

# Symfony Backend

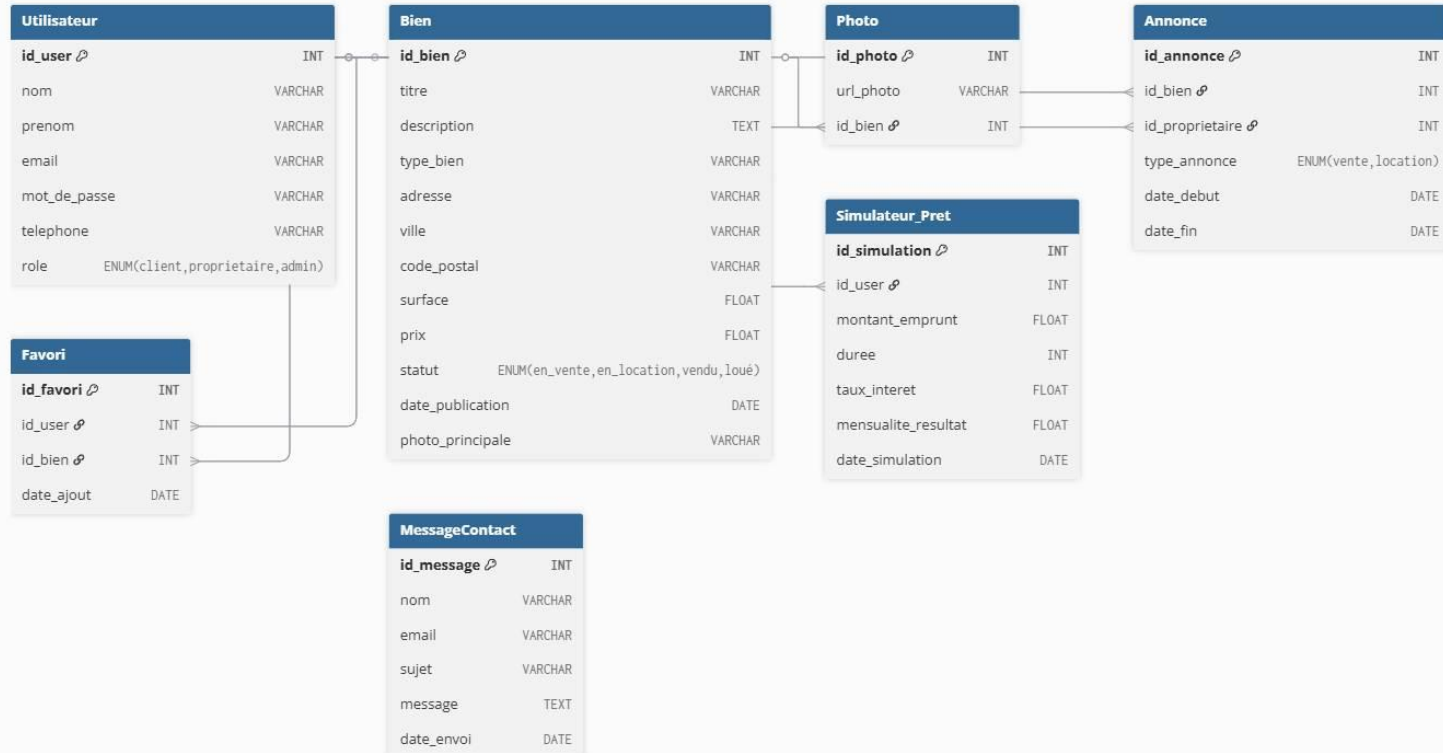
- - Exposes RESTful API endpoints:
- /api/properties
- /api/users
- /api/search
- - Handles authentication and data persistence

# Figma UI Design (Desktop + Mobile)

## EasyHouse



# MCD Diagram



Entities: User, Property, SearchPreferences with their relationships.

# Features

- - Property browsing and filtering
- - Save favorite properties
- - Contact property owners
- - User authentication & roles
- - Personalized search preferences



# Conclusion

- A full-stack real estate web app demonstrating:
  - - Integration of Angular + Symfony + REST API
  - - Scalable and modular architecture
  - - Clean UI and robust backend