

CIHAN UNIVERSITY/SULIMANIA, ARCHITECTURAL DEPT.

FOURTH YEAR 2025-2026

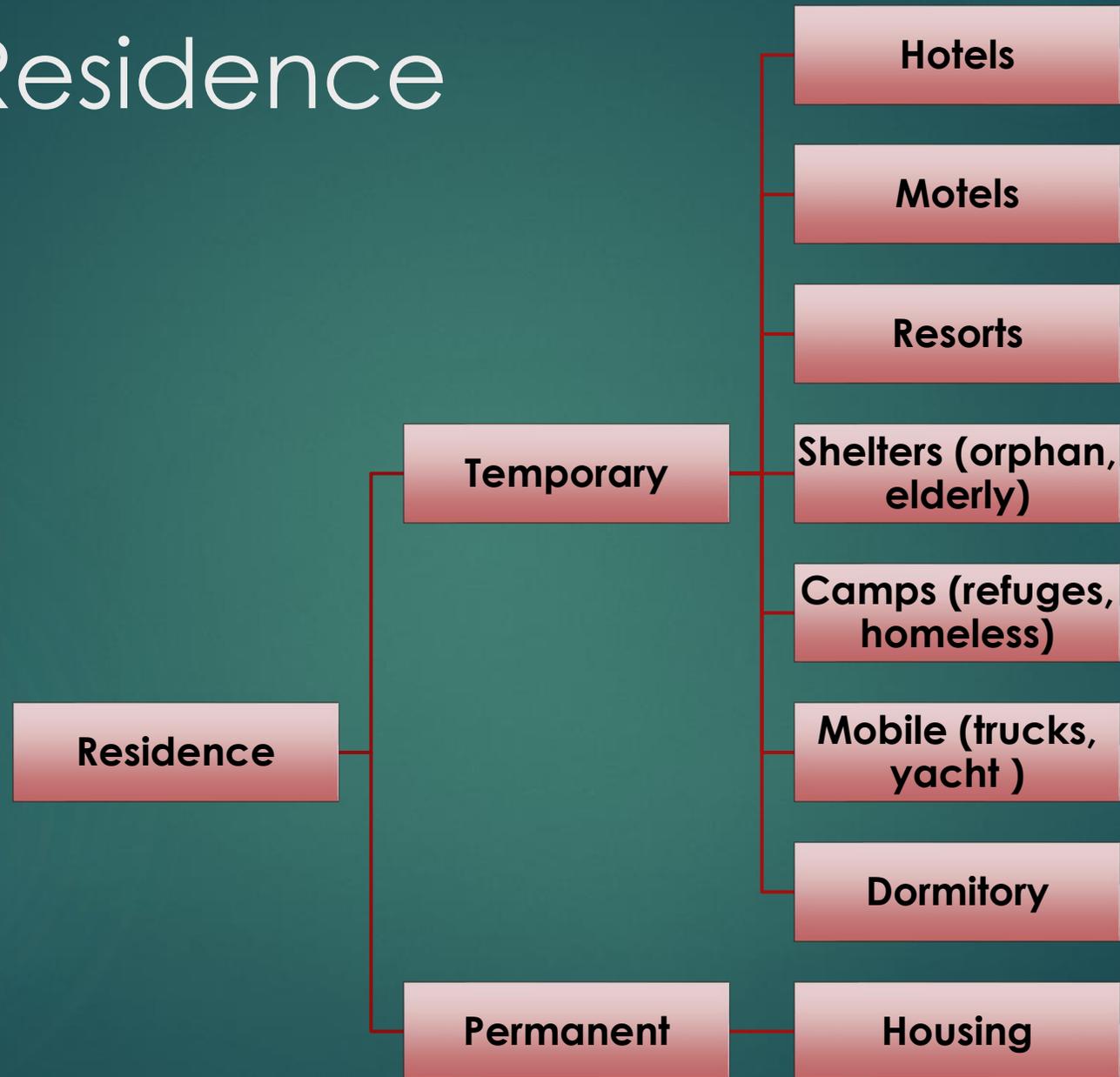
SECOND SEMESTER LECTURE 3

Housing

URBAN HOUSING TYPOLOGY

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Type of Residence

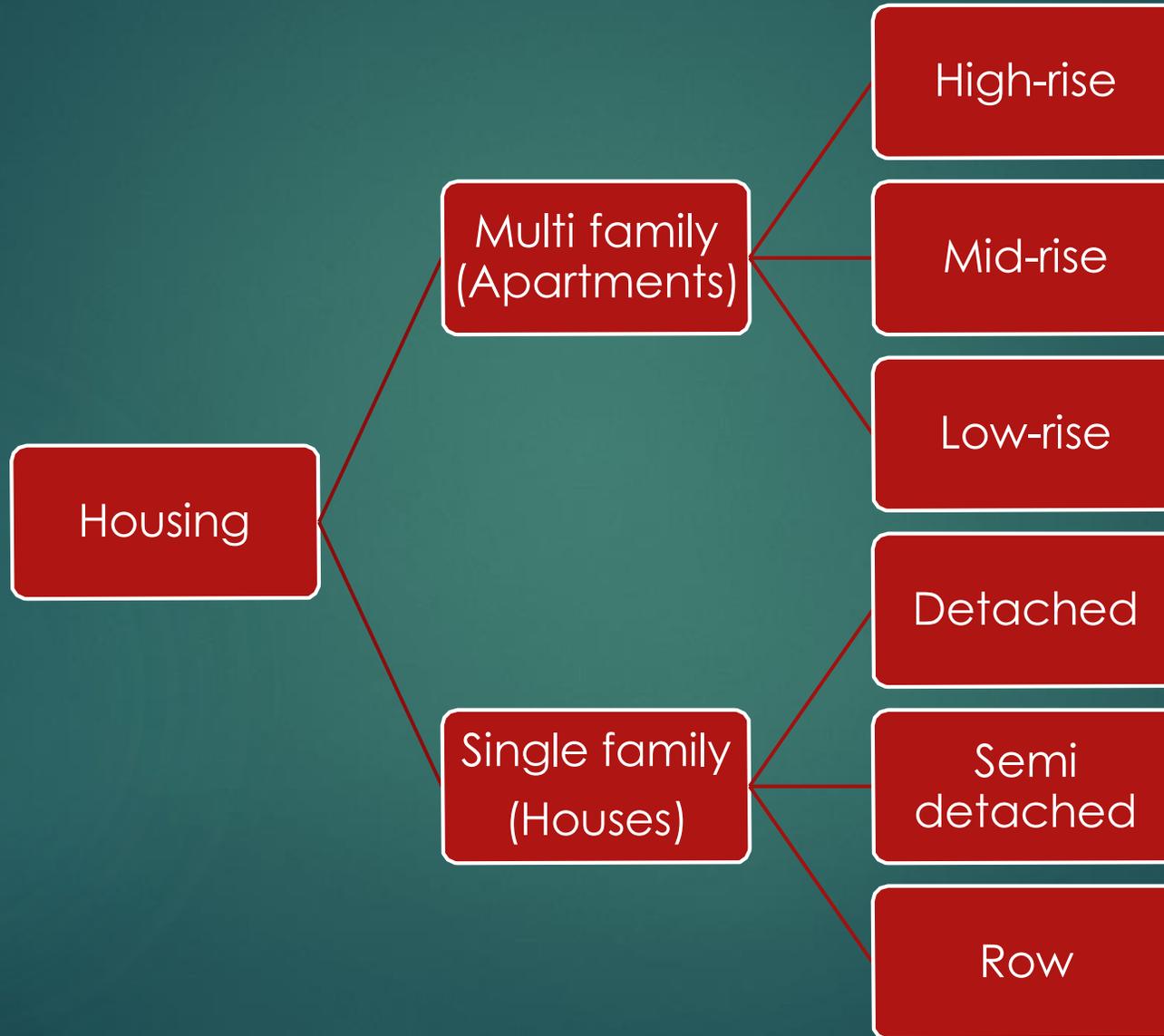


Type of Residence

Characteristics :

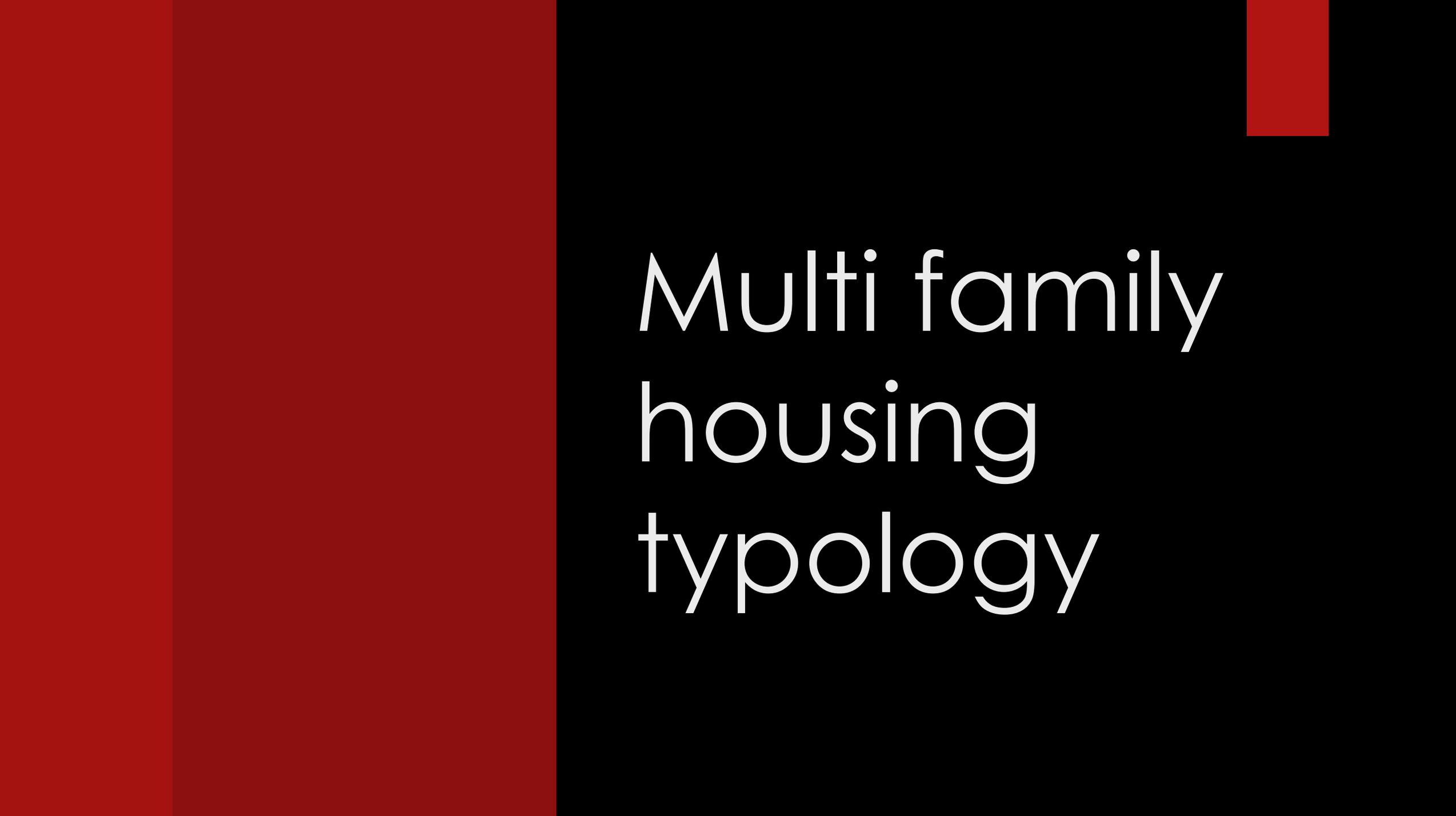
1. Time of inhabitation : The duration of stay in temporary housing is usually limited, ranging from a few days to several years, and is not lifelong, unlike permanent housing, which guarantees the family's residence for an indefinite period.
2. Ownership: Temporary housing is often owned by a third party that provides it to users, while permanent housing is owned or rented by the family.
3. Reason of inhabitation: There is often a reason for temporary housing, such as study, tourism, or work, while permanent housing is for living purposes.
4. Goals: Any individual aims to move from temporary housing to permanent housing to ensure a stable life.

Urban housing typology



Difference in strategy

- ▶ Multi-family housing differs from single-family housing in terms of the nature of services and shared spaces. Any family aims to acquire its own housing because of the space and privacy it provides in the long term, and because of the comfortable living conditions it provides for all family members.
- ▶ Families only resort to multi-story housing when necessary and housing institutions only resort to constructing multi-story housing when necessary to solve urgent housing problems.
- ▶ The construction costs of multi-family housing are higher than those of single-family housing, but their long-term operating costs are lower than those of single-family housing.



Multi family housing typology

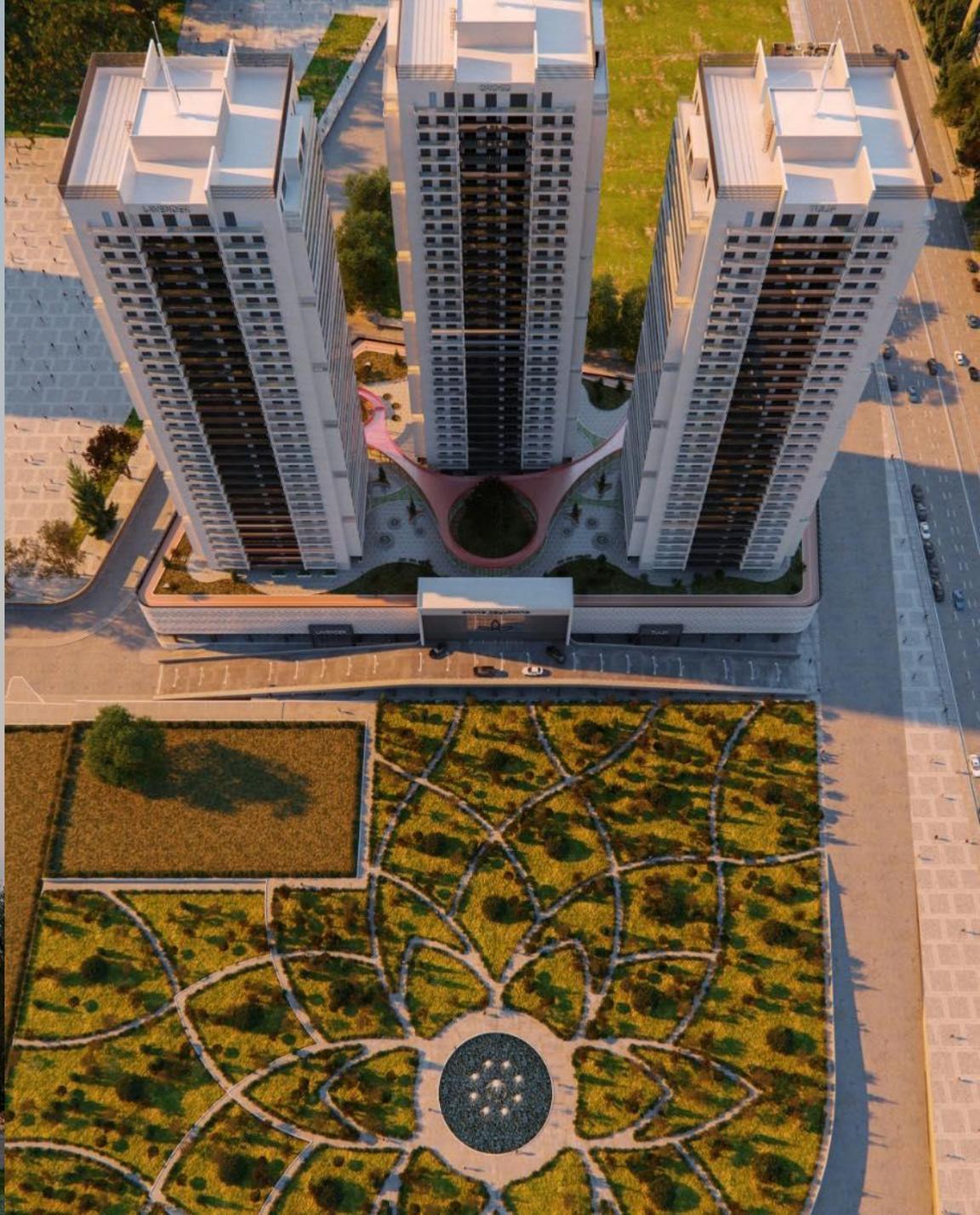
High-rise housing



Properties

- ▶ Over 8 floors of residential building
- ▶ Usually for high density inhabitation
- ▶ Construct into skeleton system structure from high durability and with several elevators
- ▶ Usually constructed into land of high price and limited area.
- ▶ High cost construction
- ▶ Usually preferred for a luxury housing type.





Mid-rise housing



Properties

- ▶ Usually between 4 and 8 floors of residential building
- ▶ Usually for medium density inhabitation
- ▶ Construct into skeleton system structure from high durability and with several elevators
- ▶ Constructed into land of medium price.
- ▶ Medium coast construction
- ▶ Usually preferred for a medium class status community





Low-rise housing



Properties

- ▶ Less than 4 floors of residential building
- ▶ Usually for low density inhabitation
- ▶ Construct into skeleton system structure or lauding walls from high durability usually without elevators
- ▶ Constructed into land of low price and big area.
- ▶ Low coast construction
- ▶ Usually preferred for a low-class status community







Single family housing typology

Detached houses (Villa)



Properties

- ▶ Separated houses in the plot
- ▶ Usually for low density inhabitation
- ▶ Mostly allocated in suburbs
- ▶ Construct from several floors
- ▶ Constructed into land of low price and big area.
- ▶ High coast construction (luxury house)
- ▶ Usually preferred for high-status community



Semi-detached houses



Properties

- ▶ Usually twin houses in the plot
- ▶ Usually for low-medium density inhabitation
- ▶ Mostly allocated in suburbs
- ▶ Construct from several floors
- ▶ Constructed into land of medium price and big area.
- ▶ Usually preferred for medium-status community



Row houses



Properties

- ▶ Usually attached houses in the plot
- ▶ Usually for high density inhabitation
- ▶ Mostly allocated inside the city
- ▶ Construct from several floors
- ▶ Constructed into land of high price and limited area.
- ▶ Usually preferred for low-status community



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