

Impact of climate change on humidity in Anping Fort

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Albert

Here is where your presentation begins

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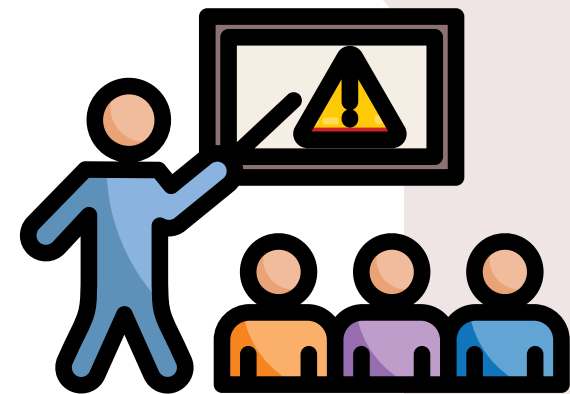
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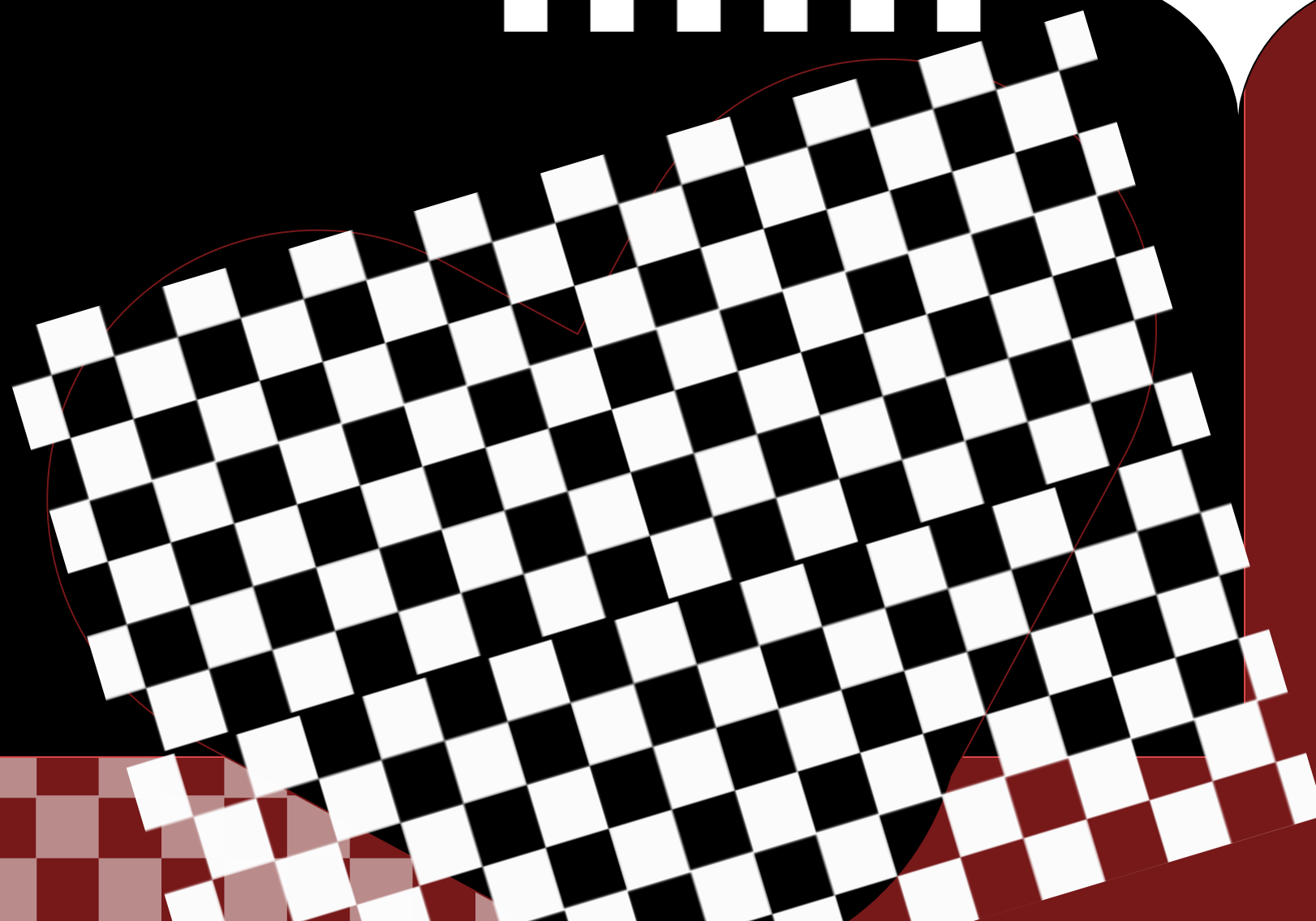
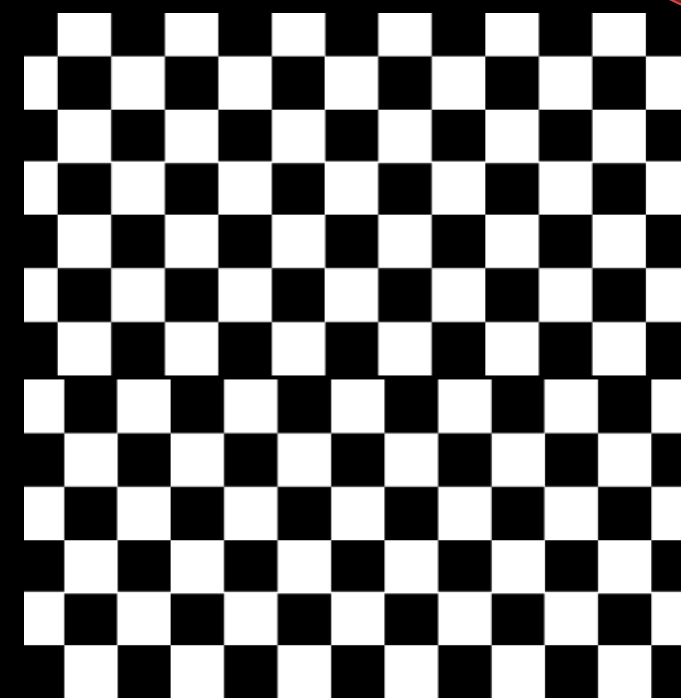
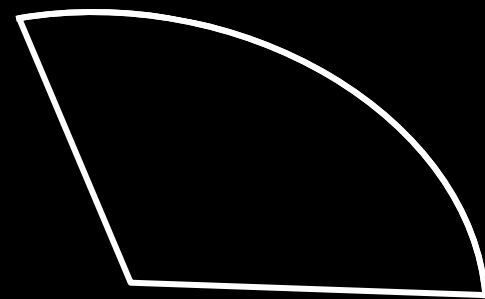
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**Response
measures**



01

The impact of moisture on the exterior of the castle



Increased moisture accelerates the erosion of bricks

“ The stability and durability of the structure are compromised.



Humid environments can easily erode bricks."



Water seepage can lead to the deterioration of building materials



The growth of mold and moss further damages the structure.



Expansion and contraction caused by moisture affect the stability of the castle

02

The impact of moisture on the visitor experience

The growth of mold and moss further damages the structure.

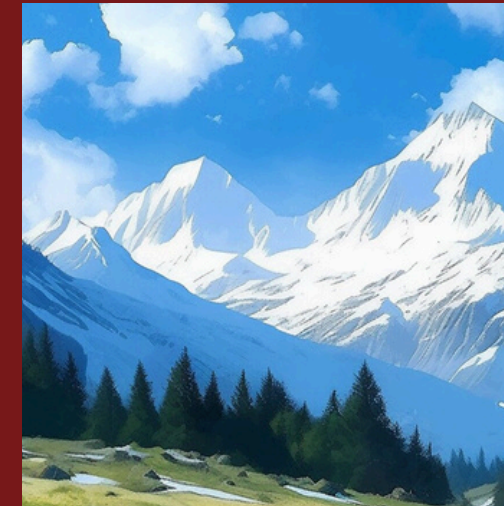
Decline in comfort and impression

Poor accommodation quality. ❌

A humid environment affects indoor air quality, leading to discomfort and reduced sleep quality.



Visitor satisfaction declines, impacting reputation.



Reduced willingness to visit

Damp weather causes discomfort.

Visitors may reduce the frequency of their visits.

Outdoor activities are limited, affecting the travel experience



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Increase in inspection and maintenance demands

- Regular inspection and maintenance of the structure are necessary.
- Damage caused by moisture should be repaired promptly.
- Funding and manpower for the protection of the castle should be increased



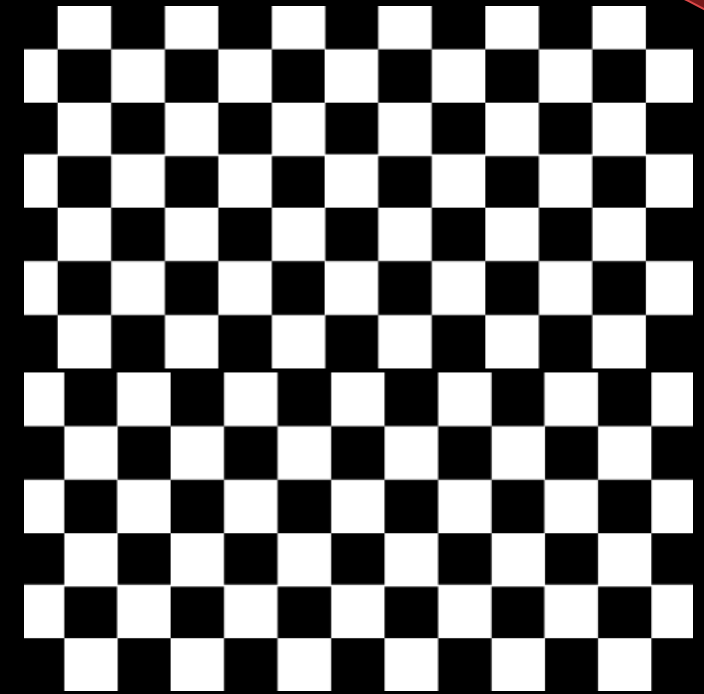
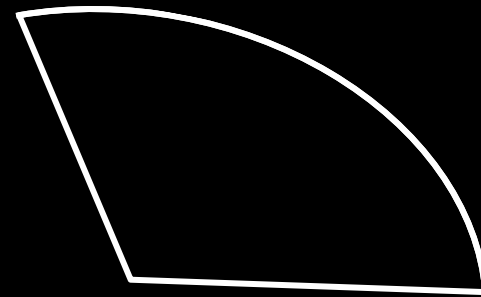
Application of professional

- Need professional expertise to address moisture issues.
- Specialized waterproofing techniques.
- Technical support for improving ventilation and drainage systems.



03

Challenges of preservation and maintenance.



Structural maintenance and repair



01

Regular inspection and maintenance

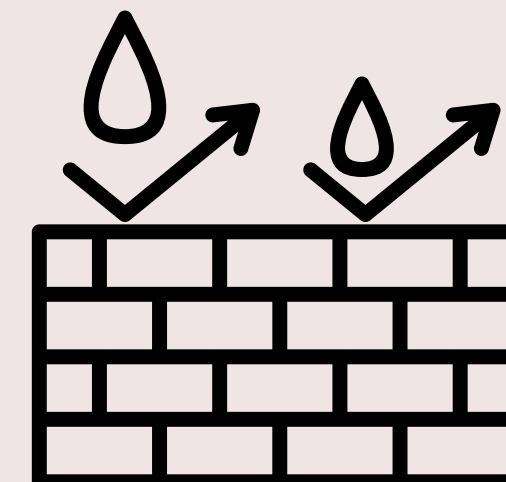
**Regularly inspect the castle structure.
Repair damp or damaged areas**



02

Waterproofing treatment.

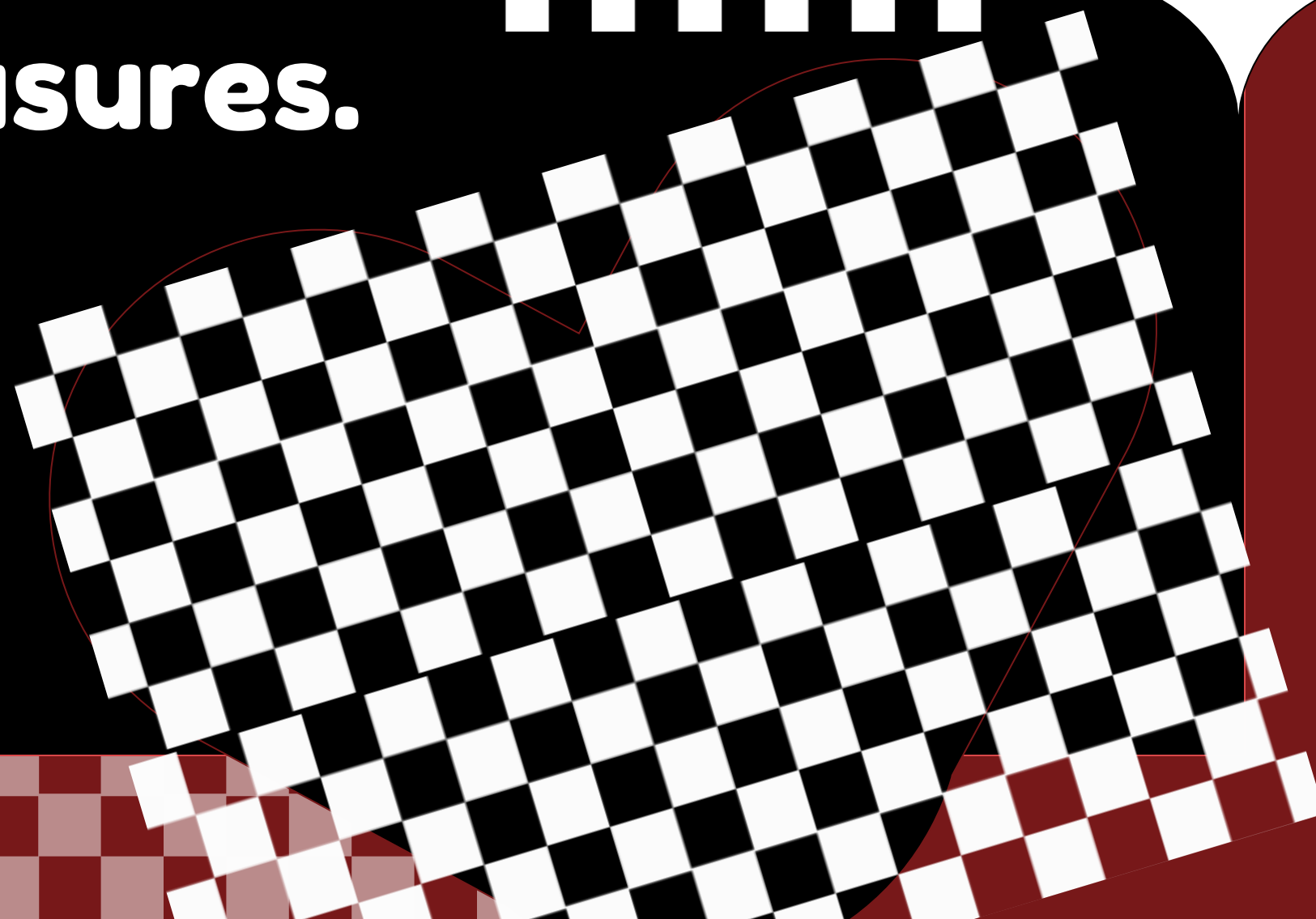
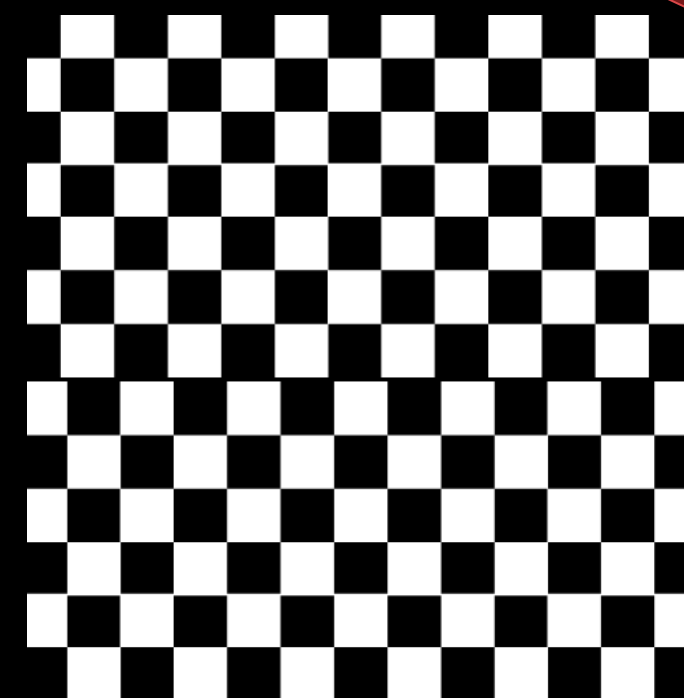
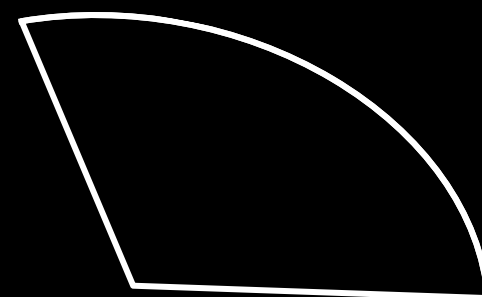
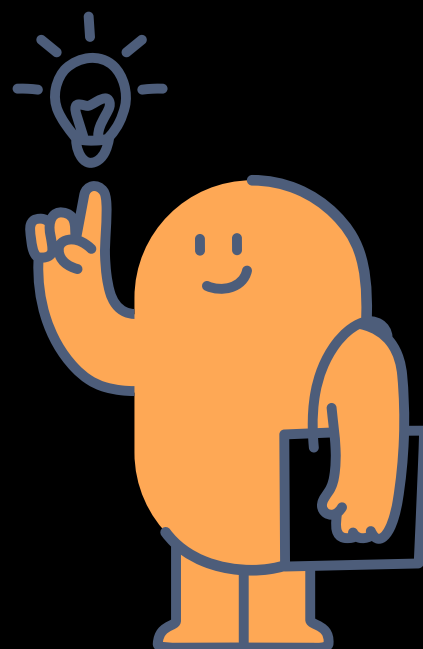
- Apply waterproof coating to the exterior walls.
- Use waterproof materials to protect the building materials



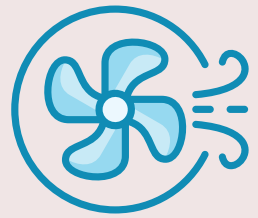
04



Countermeasures.



01.



Enhance ventilation

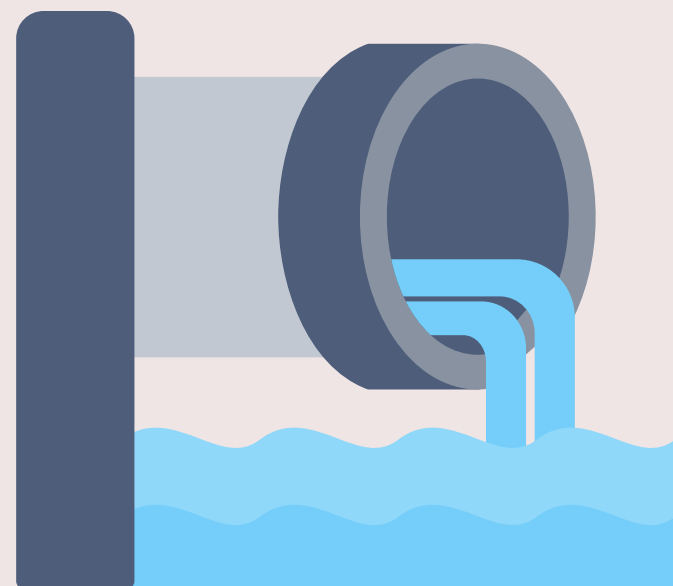
- Improve the internal ventilation system.
- Install ventilation equipment or open windows



02.

Drainage system

- Inspect and improve the drainage system.
- Ensure rainwater is drained away quickly



Environmental remediation.



01

Clean up the surrounding environment.

Regularly remove weeds and garbage.

Reduce the formation of humid environments.



02

Plant management.

Choose suitable plants for landscaping.

Avoid plants that thrive in excessively humid conditions.

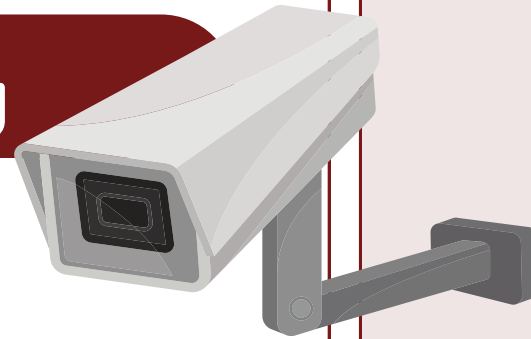
Regularly trim the plants.



Use technological methods

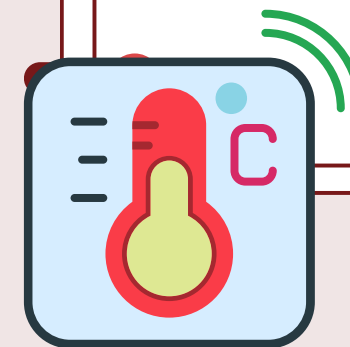
Humidity monitoring

- Install humidity monitoring devices.
- Monitor humidity changes in real time



Moisture control equipment

- Use dehumidifiers to reduce indoor humidity.
- Pay special attention to humidity control during the humid season.





Thanks you for listening

Here is where your presentation begins