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Lab 14

Define Information System:
 Developing an Information System to decide if the plot of land is viable for construction
- Organization:
    - This is likely in the investment/ construction management of any organization.
- Usage: Commercial developers:
    - using it to establish viable land for commercial purposes
- Funding
    - Could be commercial construction companies(such as large corporations)
    - It could funded by the public as well
        - Allowing for public voices to be heard if it is a viable option
- Ethics
    - The system would have to analyze different zoning legislations and public zoning information
        - Which can be viewed for any historical geographical land
        - Or for protected wildlife habitats

Data:
- What purpose:
    - Real estate, warehousing, business sector
    - Obtained from: User/customers of the system
- Appropriate acquisition:
    - Surrounding buildings, suburbs, businesses, skyscrapers
    - Obtained from: city plans and outlines
- Location:
    - Innercity, wildlands, historic importance, near body of water
- Previous Successes:
    - Past projects and designs

Fine-tuning and implementation:
- We will have to update the data on a semi-regular basis to adjust for new zoning legislation or public scrutiny
- Adjust for price increases/decreases

Addressing Unforeseen Conflicts/Disasters:
- Historic preservation sites
- Water table data
    - A high water table can lead to instability in the foundation
- Frequent seismic activity

- Community opposition
- Environmental protests

Implementing feedback:
- Allow for multiple selections to be seen and chosen from
- Allow for filters to be made and redone by the user