

Angel Martinez-Diaz
Yadira Heng
Vannarith Om
Bee Chang

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