

Relocation Database

EPPS 6354: Information Management

Relocation

- What factors should be considered before moving?
- Place of residence can impact quality of life
 - Multiple aspects are dependent on geographical location
 - Ex. Health access, travel distance, food access, etc.

Literature

- Aspects dependent on geographical location:
 - Travel distance to work (Clark & Burt, 1980)
 - Urban form impacts travel behavior (Krizek, 2003)
 - Relocation to lower poverty residences impact adolescent mental and behavioral health (Byck et al., 2015)
 - Access to healthy and affordable food matters (Larsen & Gilliland, 2008)
- Literature is not focused on residency
- Common knowledge dictates that residence in areas with risks is less appealing

Database Proposal

- No database exists which stores information that can inform the public about aspects and characteristics of geographic locations
- Issues:
 - Search for data
 - No access to certain data
 - Public is not well informed
- If database existed, it would be effective, efficient, and beneficial to the public

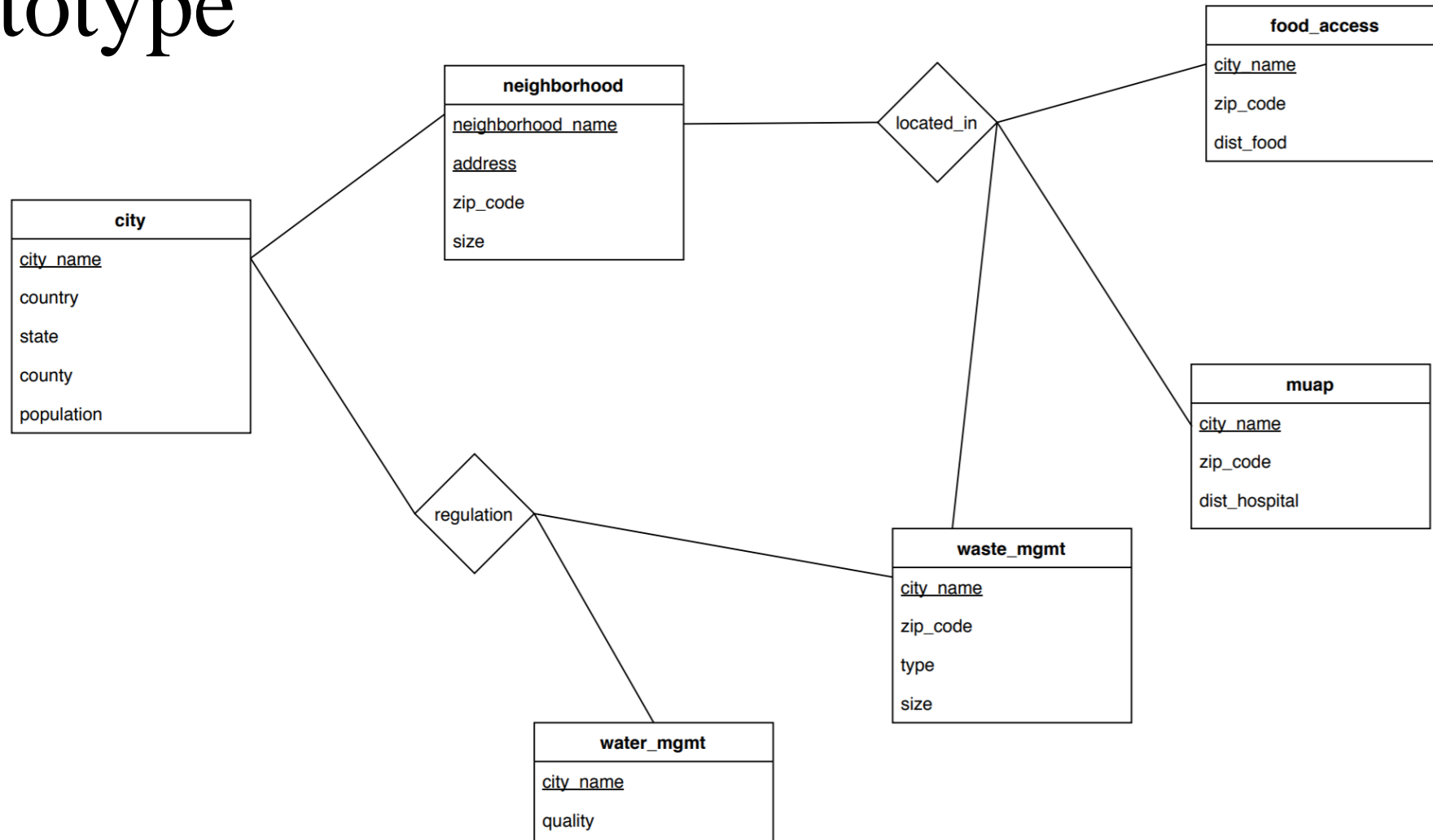
Purpose of database

- Provide data concerning:
 - Medically Underserved Areas/Populations
 - Food access
 - Regional transportation
 - Waste management (landfill sites)
 - Water management (water resources)
 - ISDs
 - Local business or entertainment
 - Weather
 - Crime statistics
 - Prisons

Purpose of database

- Help facilitate and encourage informed relocation decisions
 - Users have access to organized information located in one area
- Address inequalities and disparities occurring due to historical and geographical location
 - Local government or organizations have access to information more readily

Prototype



User Interface

- Input includes selection choices
 - Drop-down menu
- Output depicted using highlighted areas on maps
 - Users can explore locations
 - Additional detailed characteristics and statistics will be provided

Bibliography

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Larsen, K., & Gilliland, J. (2008). Mapping the evolution of 'food deserts' in a Canadian city: Supermarket accessibility in London, Ontario, 1961–2005. *International journal of health geographics*, 7(1), 16.