

# **Global Redevelopment of Archaic/Old Buildings**

**INFX 543: A: Relational Database Management Systems**

**Team Number: #**

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**Database Topic:**

As a continuation to my research in neighborhood property value tracking using data science, I would like to extend my work by creating a database management system to track and find opportunities for **“Global Redevelopment Database of Archaic/Old Buildings”**.

**Mission Statement:**

My mission is to create a repository for tracking the archaic/old buildings and their conditions. This information can be used by large-scale construction companies to make investments into redevelopment of these structures. The developed system aims to provide background information as well, necessary for the construction giants to make strategic decisions. This system will also focus on value tracking of structures/buildings in specific neighborhoods.

**Mission Objectives:**

- To maintain (enter, update, and delete) data on buildings
- To maintain (enter, update, and delete) data on buildings' name
- To maintain (enter, update, and delete) data on buildings' address
- To maintain (enter, update, and delete) data on buildings' neighborhood
- To maintain (enter, update, and delete) data on buildings' architectural style
- To maintain (enter, update, and delete) data on buildings' architect name
- To maintain (enter, update, and delete) data on buildings' zone type
- To maintain (enter, update, and delete) data on buildings' current condition
- To maintain (enter, update, and delete) data on buildings' current status
- To maintain (enter, update, and delete) data on buildings' owner name
- To maintain (enter, update, and delete) data on buildings' owner address
- To maintain (enter, update, and delete) data on buildings' owner contact details
- To maintain (enter, update, and delete) data on building owner's ownership status
- To maintain (enter, update, and delete) data on building owner's ownership start data
- To maintain (enter, update, and delete) data on building owner's ownership end data
- To maintain (enter, update, and delete) data on buildings' previous sales date
- To maintain (enter, update, and delete) data on buildings' previous selling price
- To maintain (enter, update, and delete) data on buildings' architect name
- To maintain (enter, update, and delete) data on buildings' architect address
- To maintain (enter, update, and delete) data on buildings' architect contact details

- To perform searches on building name
- To perform searches on neighborhoods
- To perform searches on zones
- To perform searches on building condition types
- To perform searches on architectural style
- To perform searches on selling prices
- To perform searches on owners
- To perform searches on specific countries
- To perform searches on city
- To perform searches on state
- To track status of buildings
- To track status of ownership
- To track previous sales
- To track architectural types under sales
- To report on buildings
- To report on buildings sold recently
- To report on buildings statuses
- To report on buildings architectural style
- To report on building zones
- To report on building types
- To report on building owners
- To report on buildings ownership history
- To report on sales
- To report on neighborhoods
- To report on cities
- To report on countries
- To report on buildings condition
- To report on buildings construction date