



# Mid Semester Project Report: Energize TCNJ

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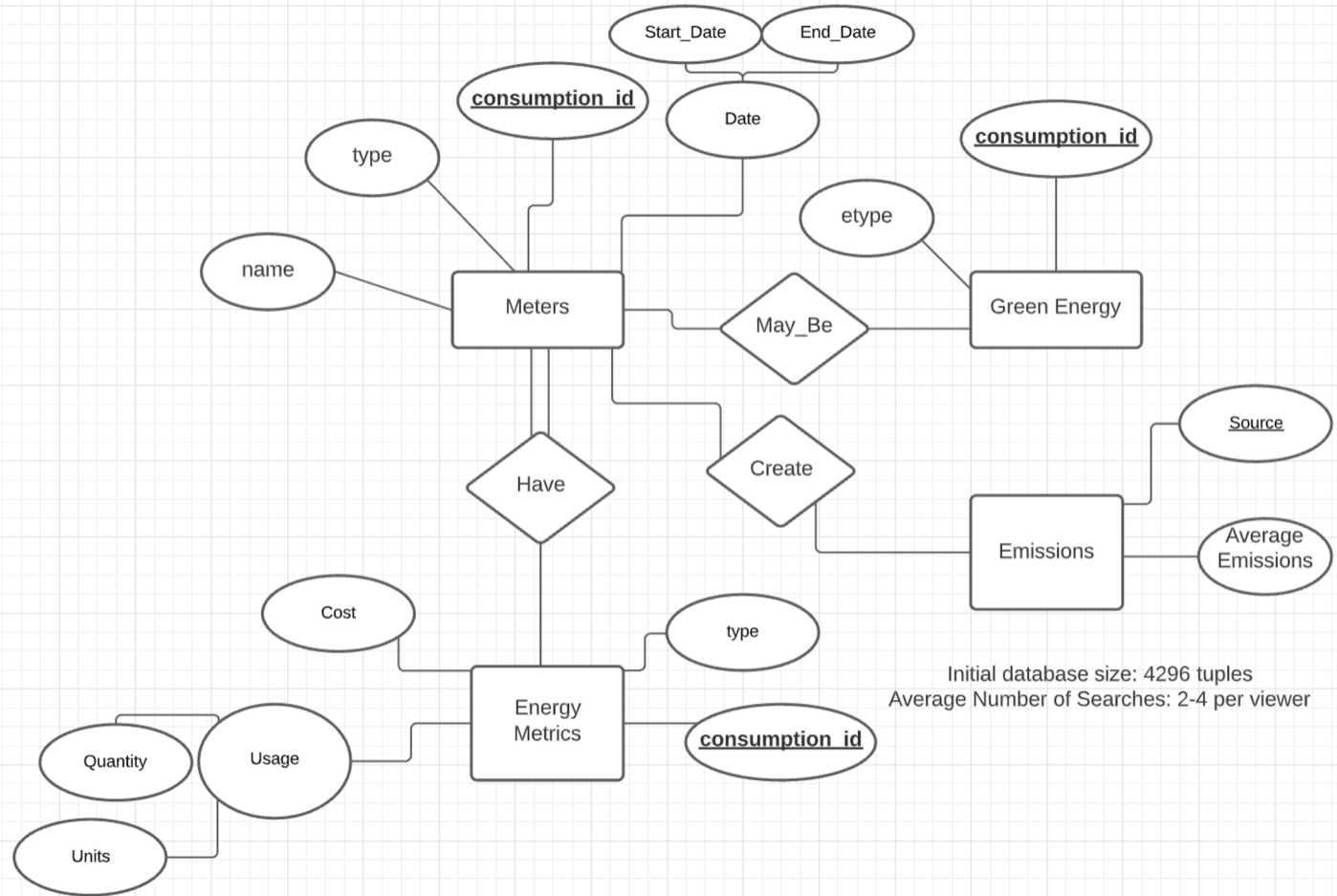
# Overview

- To create a comprehensive application that allows the institution to balance environmental concerns with their spending budget and energy costs.

## Stage III

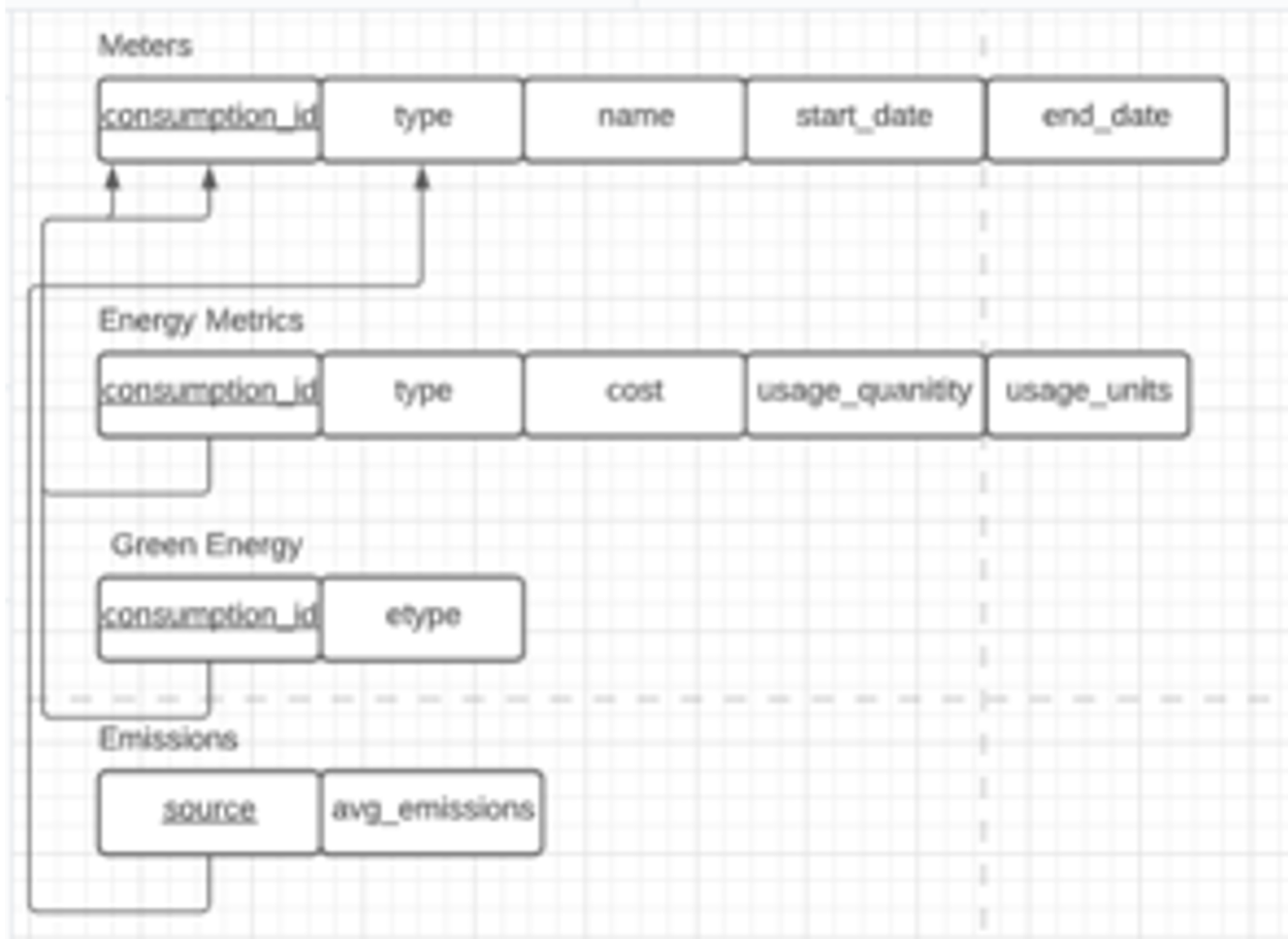
- went into detail about database model
- completed an ER diagram
- created a relational schema

# ER Diagram





# Relational Schema





## Supported User Queries

- Search for values to find data related within the database
- Generate graphical representations for current data or future projections of energy usage, cost, etc.
- Provide filters to sort tables by their attributes
  - Ex. Date -> 2009-10-09 to 2022-03-08

Logo

Home

Admin Login

Searchbar

Local

Grid

Future Green

Logo

HomeAdmin Login

Searchbar

Filters

Date

Cost

Carbon Emission Levels

Amount of Energy Used

Result #1

Result #2

Result #3

Logo

Home

Admin Profile

Edit Energy

Edit Admin