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CECS 323

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### Community Service Proposal

The service that I would like to create to serve the community is a database system for any organization that takes in donation items and donates them to various places. This could be a church that takes in food and disperses this food across multiple homeless shelters. This could also be a school doing a clothing drive, or something of the sort, and donating them to places such as foster homes or other places to help those in need.

One business rule would be that each donation item can only be distributed to one place. Another is that each donated item can only belong to one donation center.

Some example queries could be:

- Select the various places that donated items end up.
- Select the total amount of donated items for each type (clothes, food, school-items, etc.)
- Sum of donated items in total.
- List of items received per donation center ex: (school\_1 : 200 items, church\_1: 232 items).
- List items donated items not yet dispersed.

- List the total number volunteers/employees per donation center.
- List the donation centers with amount of donations above the average.
- Select donation centers within the same city.
- Select the locations where the donated items end up most
- Select the locations where their number of donated items are above the average.

Some views could be:

- View all employees/volunteers at donation centers.
- View the donated items.
- View the various donation centers.
- View the locations of donation centers.