Zero Hunger

Analyzed Story:

The NGO aims to reduce food wastage by automating and tracking their work. They have partnered with restaurants in Dhaka who will give them excess food before it goes bad. The system will allow restaurants to open a collection request, which the NGO will accept and assign an employee to collect the food. The system will also track all collect requests and their details.

Entities:

* NGO - responsible for feeding deprived people and children
* Restaurants - provide excess food before it gets rotten or preserves it till collection by the NGO
* Employees - assigned by NGO to collect food from restaurants
* Collect Requests - made by restaurants for the NGO to collect excess food
* Foods - collected from restaurants and distributed by the NGO

Relationships:

* A restaurant can make multiple collect requests, but each request can only belong to one restaurant.
* A collect request can only be accepted and assigned to one employee.
* An employee can be assigned to multiple collect requests, but each request can only have one employee assigned to it.
* Each collect request can have multiple food items.
* An employee can distribute multiple food items, but each food item can only be distributed by one employee.

