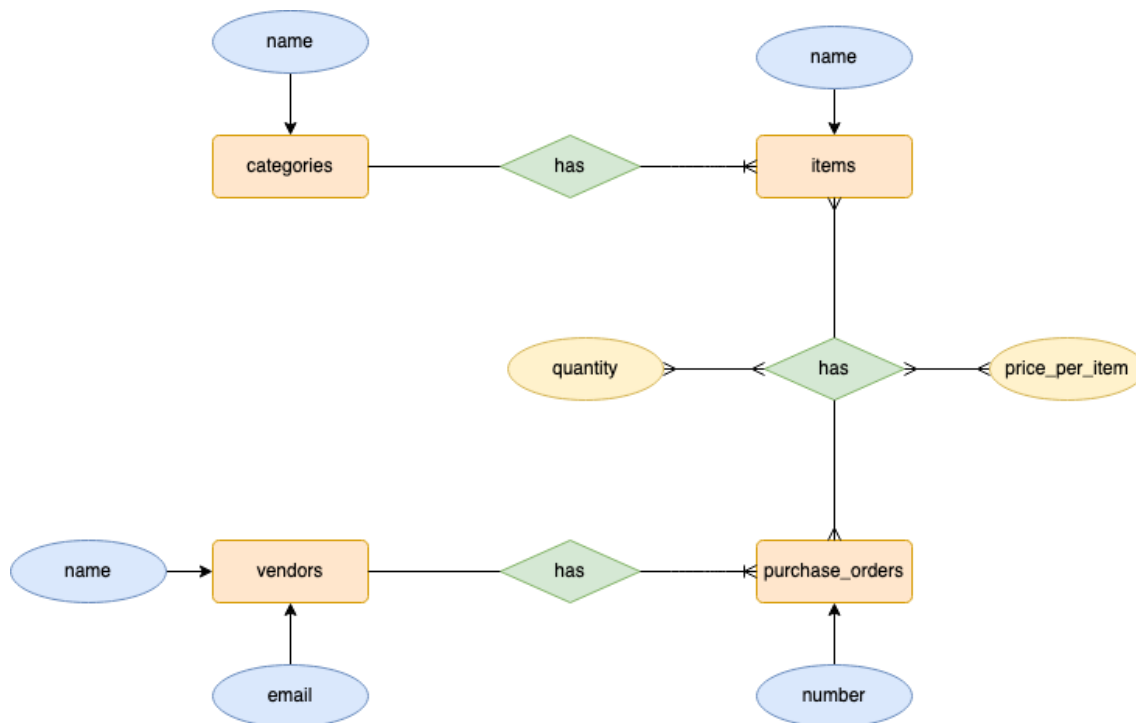


- Objective:
 - This assignment is just a demonstration of using NodeJS to build a very small web app along with authentication, a simple admin panel, and a simple RESTful API.
- System Description:
 - The web app represents a simple inventory system where an inventory manager is its main user.
- Database:
 - MongoDB should be used. You will be using [Mongoose](#) as the ODM.
 - The below ERD represents the entities needed in the system, you have to define their collections (tables) correctly using Mongoose and MongoDB.



- Screens required in the admin panel:
 - Authentication (login)
 - Vendors (List, Add, Edit, Delete, Show)
 - Item Categories (List, Add, Edit, Delete, Show)
 - Items (List, Add, Edit, Delete, Show)
 - P.S No screens are needed to represent the purchase orders, only the above are required.

- Endpoints to be implemented:
 - 4 endpoints for the CRUD operations (Create, List, Update, Delete) categories.
 - You will need to follow the RESTful API basics to implement the above 4 endpoints.
 - Postman collection is required to test the endpoints.
 - Swagger documentation on SwaggerHub is required.
- Technologies / Libraries this assignment spanning are:
 - Node JS
 - Express JS
 - MongoDB
 - Mongoose
 - AdminBro
- Notes:
 - [AdminBro](#) is an auto-generated admin panel for Node JS, it is very easy to integrate with and it will manage for you all the required screens in the admin panel as well as authentication required in it.
- Deliverables:
 - The app should be deployed on Heroku.
- Expected Time:
 - 3 - 4 days to complete.