### **Entities in ER Diagram**

* **User**: Represents users of the system (with fields like name, email, login, encrypted password, business name).
* **Purchase**: Tracks purchases (with fields like location, datetime, cost).
* **MenuItem**: Represents items that are sold (fields include name, cost).
* **Ingredients**: Represents ingredients used in menu items (fields include name, amount, amount units).
* **PriceHistory**: Tracks historical prices of ingredients (fields include price, start date, end date).
* **Sale**: Tracks sales (fields include start date, end date, revenue, count, cost)

**Possible Examples**

### GET http://localhost:3000/api/users

POST http://localhost:3000/api/users

Content-Type: application/json

{

"name": "John Doe",

"email": "john@example.com",

"password": "password123"

}

[

{

"id": 1,

"name": "Jane Doe",

"email": "jane.doe@example.com",

"businessName": "Jane's Cafe"

},

{

"id": 2,

"name": "John Smith",

"email": "john.smith@example.com",

"businessName": "John's Diner"

}

]

### 

### **General API Schema:**

#### **1. User Endpoints**

* **GET /users**: Retrieve a list of users.
* **GET /users/{id}**: Retrieve a specific user by their ID.
* **POST /users**: Create a new user.
* **PUT /users/{id}**: Update a user's details.
* **DELETE /users/{id}**: Remove a user.

#### **2. Purchase Endpoints**

* **GET /purchases**: Retrieve a list of all purchases.
* **GET /purchases/{id}**: Retrieve a specific purchase by its ID.
* **POST /purchases**: Create a new purchase.
* **PUT /purchases/{id}**: Update an existing purchase.
* **DELETE /purchases/{id}**: Delete a purchase.

#### **3. MenuItem Endpoints**

* **GET /menu-items**: Retrieve all menu items.
* **GET /menu-items/{id}**: Retrieve a specific menu item by its ID.
* **POST /menu-items**: Create a new menu item.
* **PUT /menu-items/{id}**: Update a menu item.
* **DELETE /menu-items/{id}**: Remove a menu item.

#### **4. Ingredient Endpoints**

* **GET /ingredients**: Get a list of all ingredients.
* **GET /ingredients/{id}**: Get a specific ingredient by its ID.
* **POST /ingredients**: Create a new ingredient.
* **PUT /ingredients/{id}**: Update ingredient details.
* **DELETE /ingredients/{id}**: Delete an ingredient.

#### **5. PriceHistory Endpoints**

* **GET /price-history**: Retrieve all price history records.
* **GET /price-history/{id}**: Retrieve a specific price history record by its ID.
* **POST /price-history**: Create a new price history record.
* **PUT /price-history/{id}**: Update a price history record.
* **DELETE /price-history/{id}**: Remove a price history record.

#### **6. Sales Endpoints**

* **GET /sales**: Retrieve a list of all sales.
* **GET /sales/{id}**: Retrieve a specific sale by its ID.
* **POST /sales**: Create a new sale.
* **PUT /sales/{id}**: Update a sales record.
* **DELETE /sales/{id}**: Delete a sale