

Backend project *e-Commerce*

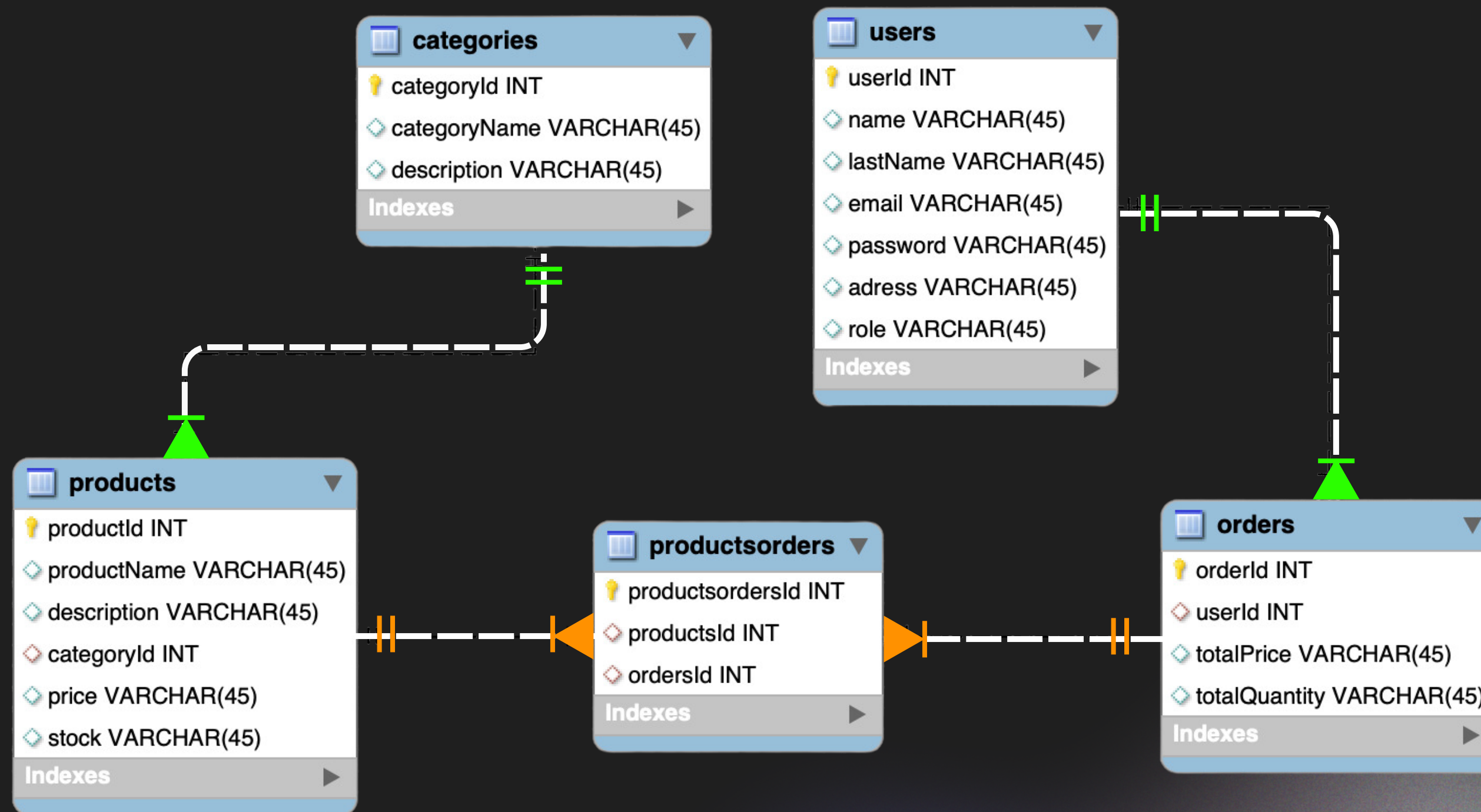
/SARA_ORIOLA

BOOTCAMP FULL STACK

















Diagram

hasMany -> 1:N
belongsTo(Many) -> M:N



Project structure

- >  assets
- >  config
- >  controllers
- >  middleware
- >  migrations
- >  models
- >  node_modules
- >  routes
- >  seeders
-  .gitignore
-  index.js
-  package-lock.json
-  package.json
-  README.md

Controllers: In this folder, you can find the controllers that define and handle the different routes and actions of the project.

Middleware: Functions that run before or after HTTP requests and enable common tasks such as authentication, data validation, or error handling.

Migrations: Migrations are files that contain instructions for modifying the structure of the database.

Models: In this folder, you can find the files that define the database models and provide methods to interact with them

Routes: Here, you can find the files that define the project's routes. These files map the HTTP requests to the corresponding controllers to handle them.

Seeders: Seeders are files that contain example data or initial data to populate the database.

Technologies

Node.js: It is a JavaScript runtime environment that allows executing JavaScript code on the server.

Express: It is a web application framework for Node.js that simplifies the development of REST APIs and handling routes, middlewares, and HTTP requests.

MySQL: It is a widely used relational database management system.

Sequelize: It is an Object-Relational Mapping (ORM) for Node.js that facilitates interaction with the MySQL database using models and object-oriented queries.

Bcrypt: It is a password hashing library used for secure user registration, storing passwords as hashes instead of plain text.

JWT (JSON Web Tokens): It is an open standard used for user authentication, generating tokens that are sent in HTTP requests to verify the identity of the user.

Multer: It is a Node.js middleware used for handling file uploads, in this case, to allow attaching images when creating or updating products.