

interviewYou

About Me

- I am a Java Developer proficient in full stack development.
- Recent graduate from Georgia Institute of Technology with a bachelor's Computer Engineer.

Description

- InterviewYou is a web application that helps jobseekers in the CS field practice for interviews by offering exposure to current interview questions.
- Through a chatbot component jobseekers can pick a topic and receive questions pertaining to that topic. They can then answer those questions and see whether their answers match.
- The application maintains a variety of current questions and gives users visual data on their performance.

Environment

- Java8, Spring MVC, Spring Boot, Spring Data JPA, JWT Security, MySQL
- Angular, HTML 5, CSS, SCSS Bootstrap, JavaScript, TypeScript

Technologies used:

- Used **Spring boot** alongside **Maven** automation tool to quick start and bootstrap the project with some of the identified module dependency, thereby simplifying the build process with very little need for any complex configuration.
- Applied **Spring MVC** design pattern to logically separate the different layers of the application, from the business logic to presentation logic of the system.
- Used **Spring Core** Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST APIs** and **Spring Boot**.

Technologies used:

- Implemented entity classes to automatically create tables for the integrated **MySQL** database functionality of the application.
- Use **RequestMappings** to ensure correct users had access to their expected functionalities.
- Developed and coded using **Spring Bean** and **Spring REST API**.
- Used **jUnit** framework to unit test individual classes within the application

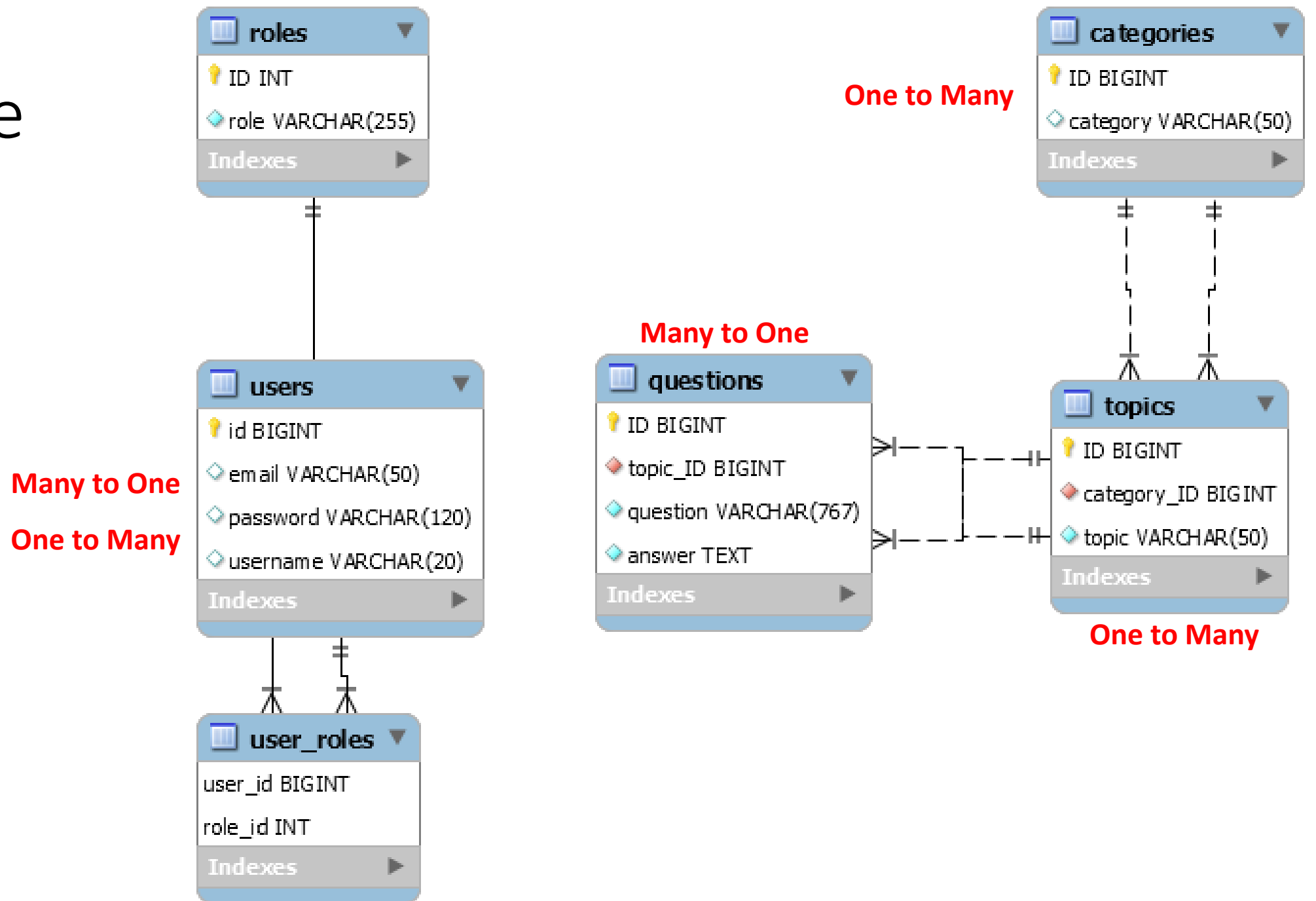
Technologies used:

- Used **Spring Boot Devtools** to improve the development efficiency.
- Interact with **third party Restful Web API** to fetch Question resources in **JSON format** so users can view up-to-date topics
Extensively used **Spring IOC, AOP**, configured Application Context files and performed database object mapping using annotations.
- Used **Java 8 Lambda Expression** in service classes to provide a clear and concise way to iterate, filter and extract data from collections.
- Used **JWT with Spring Security** in multi-tiered client web applications for User authentication to use one login feature.

Technologies used:

- Used **HTML 5** to develop the user interface.
- Heavily utilized **Bootstrap** and custom **SCSS** to make the user interface as smooth and aesthetically pleasing as possible.
- Used **Angular 10** to develop the client-side web application.
- Deployed **JavaScript** and **TypeScript** within Angular to control program logic, access control and user interface
- Used **jQuery** for HTML manipulation
- Included **Payment API Gateway** with Stripe
- Uploaded the project on **GITHUB**.

Database



Onto the Website

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