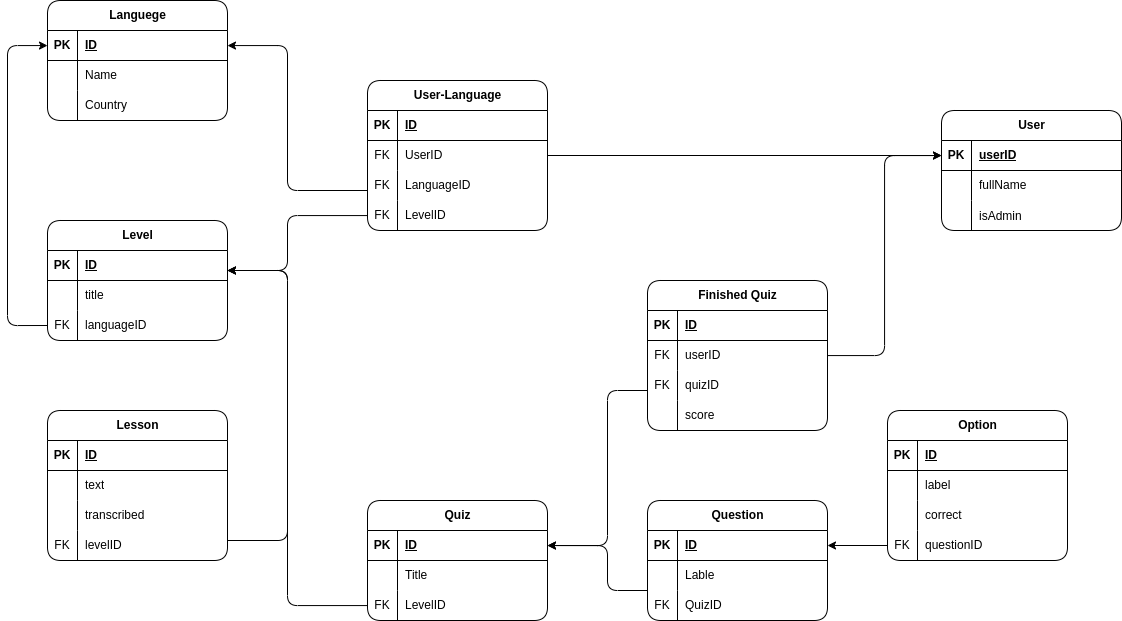
## **LINGER PROJECT**

BACKEND SYSTEM

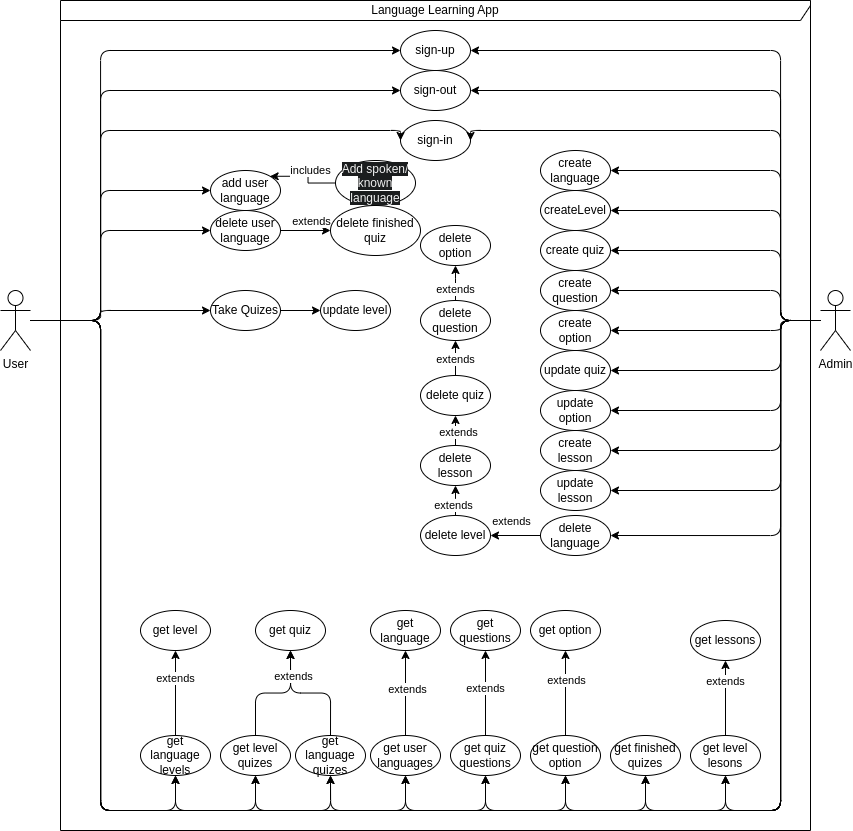
This is a language Learining App. It works with the **Users** that subscribe to language to learn through **lesson** and **quizes** and their test score recorded in **finishedQuiz**. The User can subscribe to multiple languages and achieve different levels of proficiency recorded in **UserLanguage**. Obviously each quiz has different sets of questions and **answers**.

ER DIAGRAM

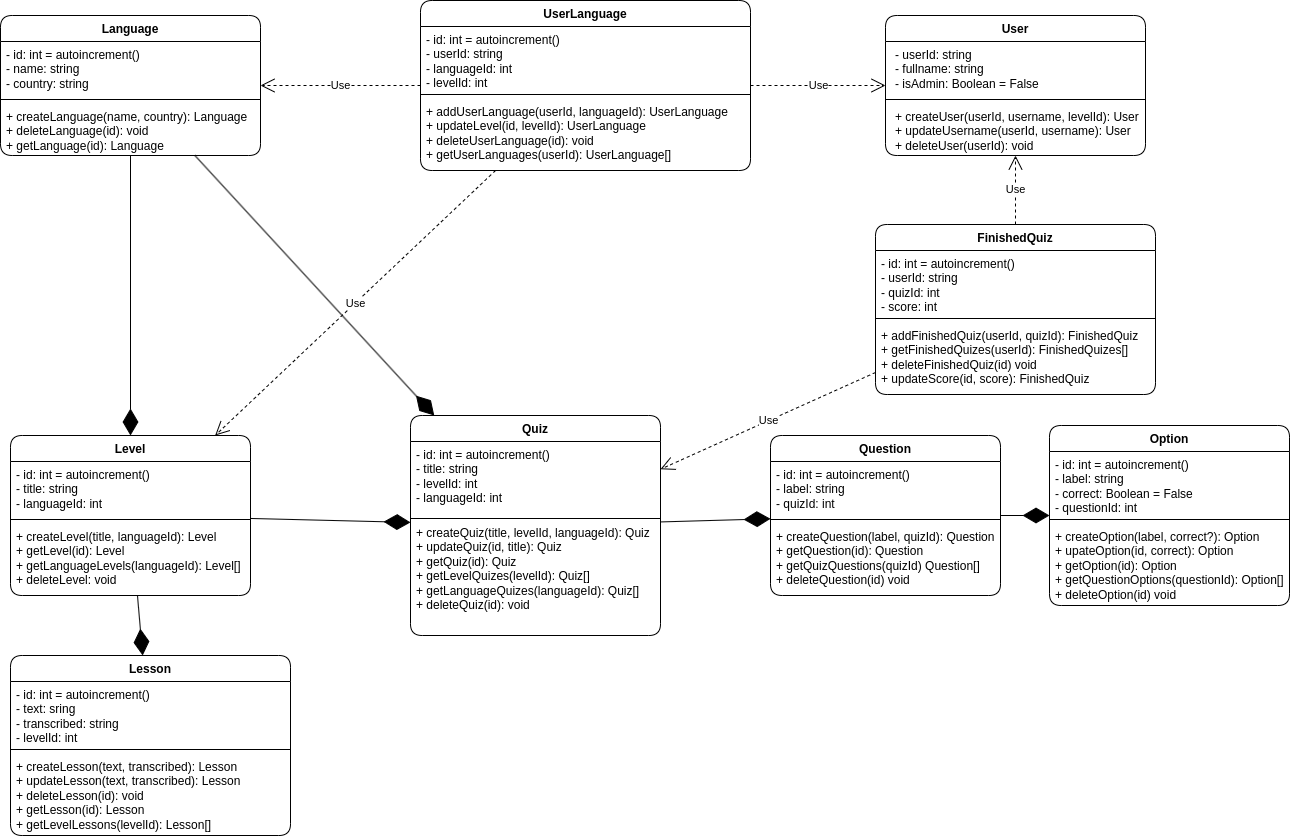


REST API STRUCTURE

USE CASE DIAGRAM



CLASS DIAGRAM



TASK ALLOCATION

|  |  |  |
| --- | --- | --- |
| **Member** | **Task 1** | **Task 2** |
| Thomson | Create User controller and routes |  |
| Emmanuel | Create Quiz controller and routes | Create FinishedQuiz controller and routes |
| Divad | Create UserLanguage controller and routes |  |
| Delano | Create Level controller and routes |  |
| Makia | Create Lesson controller and routes |  |
| Glenn | Create Question controller and routes | Create Option controller and routes |

You can easily perform your task by following the same process that has been done with the Language class. You can see that at server/src/controllers/languageController.ts for the controller and server/src/routes/language.ts for the routes.