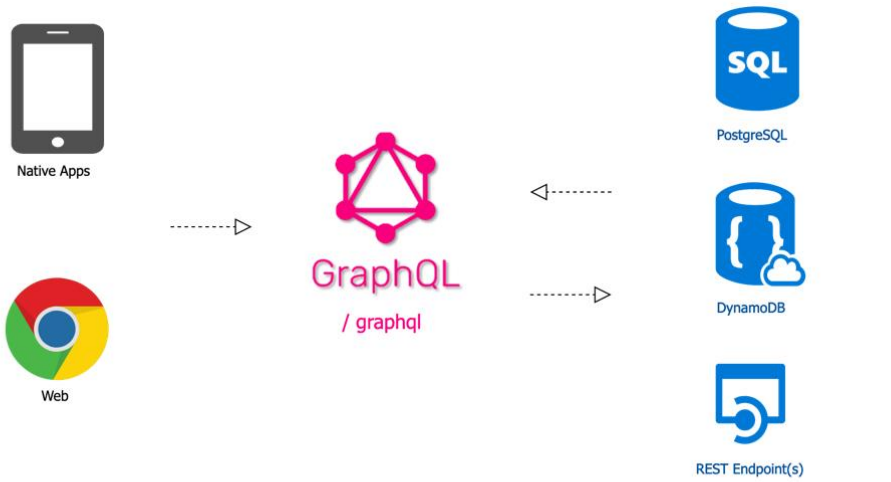
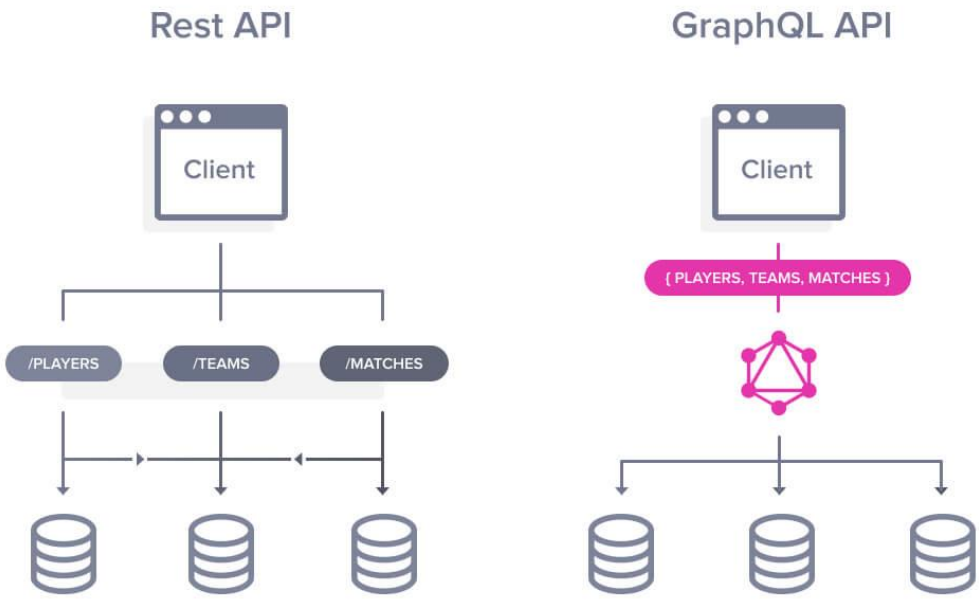
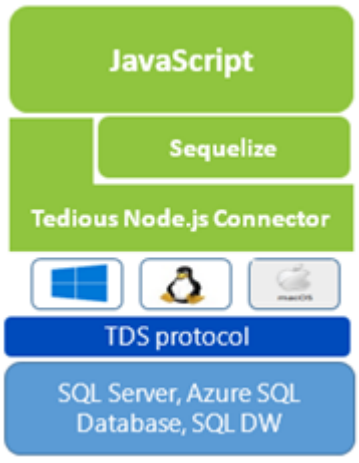
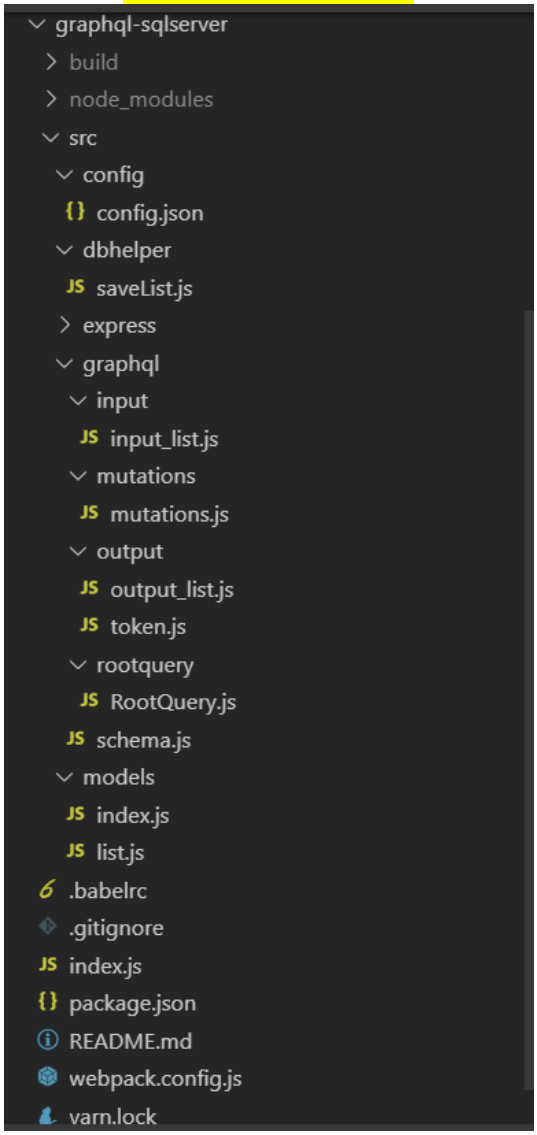
API built with NodeJs and express, GraphQL and SQLServer







Folder structure:



Modules requires:

```
"dependencies": {
  "babel-cli": "^6.26.0",
  "babel-preset-env": "^1.7.0",
  "babel-preset-stage-3": "^6.24.1",
  "bcrypt": "^3.0.6",
  "body-parser": "^1.19.0",
  "cross-env": "^5.2.1",
  "express": "^4.17.1",
  "express-graphql": "^0.9.0",
  "express-session": "^1.16.2",
  "graphql": "^14.5.5",
  "jsonwebtoken": "^8.5.1",
  "nodemon": "^1.19.2",
  "rimraf": "^3.0.0",
  "sequelize": "^5.18.4",
  "sequelize-cli": "^5.5.1",
  "tedious": "^6.4.0",
  "webpack": "^4.40.2",
  "webpack-cli": "^3.3.8"
```

Project Setup

Step 1: Create node project

npm init -y

Step 2: Add dependencies

yarn add body-parser express tedious sequelize sequelize-cli graphql bcrypt express-graphql nodemon jsonwebtoken babel-cli babel-preset-env babel-preset-stage-3 webpack webpack-cli

Step 3: create sequelize skeleton configuration

yarn sequelize-skeleton
update config.json file

Step 4: ORM models

Let's create our ORM data models

Step 5: GraphQL Schema

Let's create our GraphQL Schema

Step 6: express server

Let's create our server

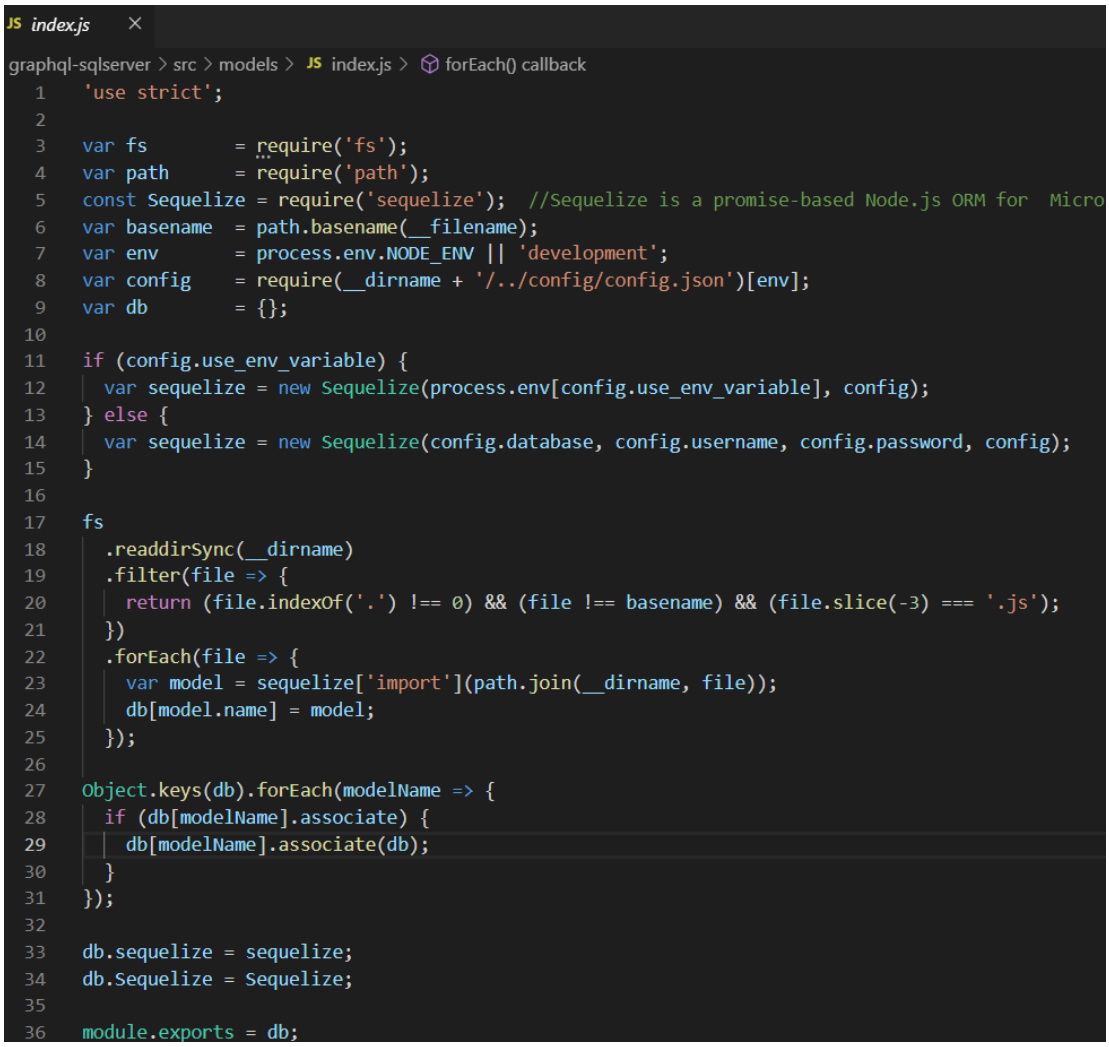
Step 7: run

"start": "nodemon --exec babel-node index.js --offline",
Yarn start

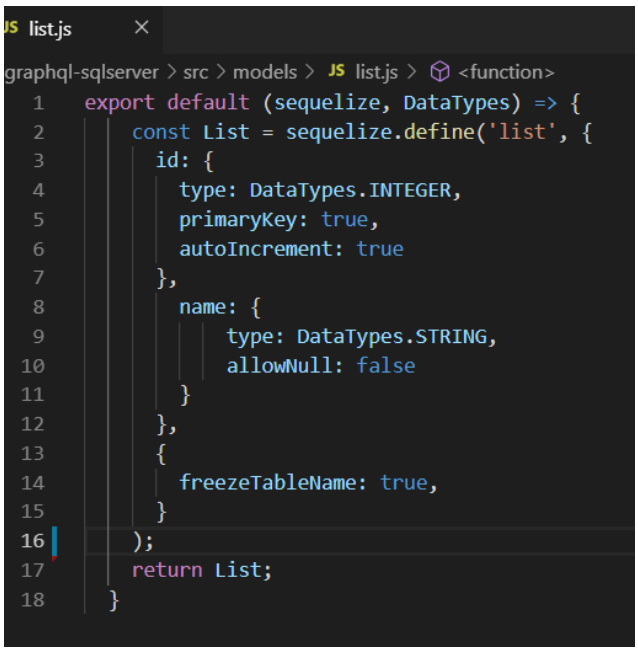
****

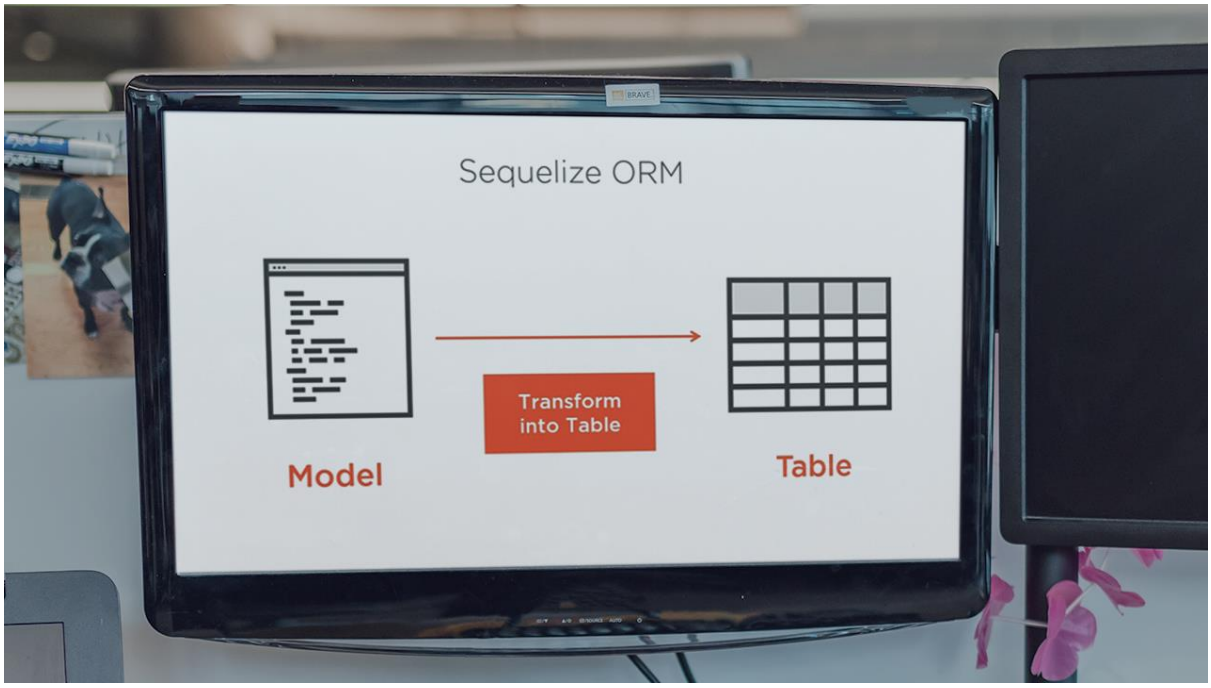
In Detailed: configuration.js

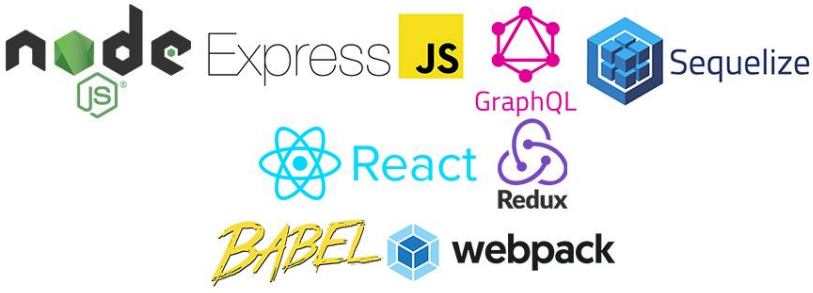
Model: configuration



List model:




Sequelize ORM
Transform into Table
Model
Table


node
Express
JS
GraphQL
Sequelize
React
Redux
BABEL
webpack