



Hello dear applicant, this is to inform you that we have reviewed your application and selected you for the next step. We are going to give you some simple hands on exercise to make sure you are qualified.

Assume you have a database named “task-database”, using MySQL, a backend server using Node.js (Express), and a front-end client using React. The database should have two tables, “collections” and “tasks”. The “collections” table should have two columns, “id” and “name” while “tasks” have four columns, “id”, “title”, “date”, and “completed”.

Assume there are already some rows inserted in the “collection” table which are “1, school”, “2, personal”, “3, design” and “4, groceries” with “id” and “name” consecutively. You are expected to create a to-do list depending on the above table. When creating one to-do list, I should be inserted into the “tasks” with foreign key of the “collection” “id” and user must select which “collection” to add the tasks into. Additionally, double-click on a task should create edit popup dialog to edit the title or toggle complete or not complete and a long-press should create a delete popup. So, we expect you to create a CRUD to do web app.

We have attached the UI design of the web you will develop. The UI must be adaptive and responsive. Your solution should be functional and adhere to best practices for web development.

Hint: please make sure to use MySQL join commands.

Bonus: it would be great if you can make theming and favorites collections and ant-design will be a big plus.

Good Luck.



