

Documentation of methods and files written for QuizBank Module & Database

Database:

/api/config.js:

This file contains the SDK to firebase.

We have created one DB named “QuizBankDB” and stored QuizItems inside that DB.

QuizBank.mjs:

Class QuizItem:

```
storeQuizItem()
```

You can create a constructor object of the class QuizItem and assign values.

It has fields like id, answer, question, and options.

```
getQuizItemById(id)
```

To call this method, you must pass the id of a quizitem, which will return the object of quizitem.

And you can access it as belows: quizitem.id, quizitem.answer, quizitem.options, quizitem.question.

```
delete(id)
```

To call this method, you have to pass the id of a quizitem, and it will delete that quizitem from the DB.

```
correct(id, answer)
```

This method is used to check whether the answer given by the user is correct or not.

You can pass the quiz_id and answer given by the user as a parameter to this method.

Class Quiz:

```
fetchAllIds()
```

This method fetches all the quizId's present in the Db. This method returns the array of all quizItemIds.

```
fetchAllQuizItems()
```

This method will call the fetchAllIds() method to get all the IDs, and then it will call the getQuizItemById(id) method and give you all the quizItems present in the database.