

## **PROGRAMMING TEST**

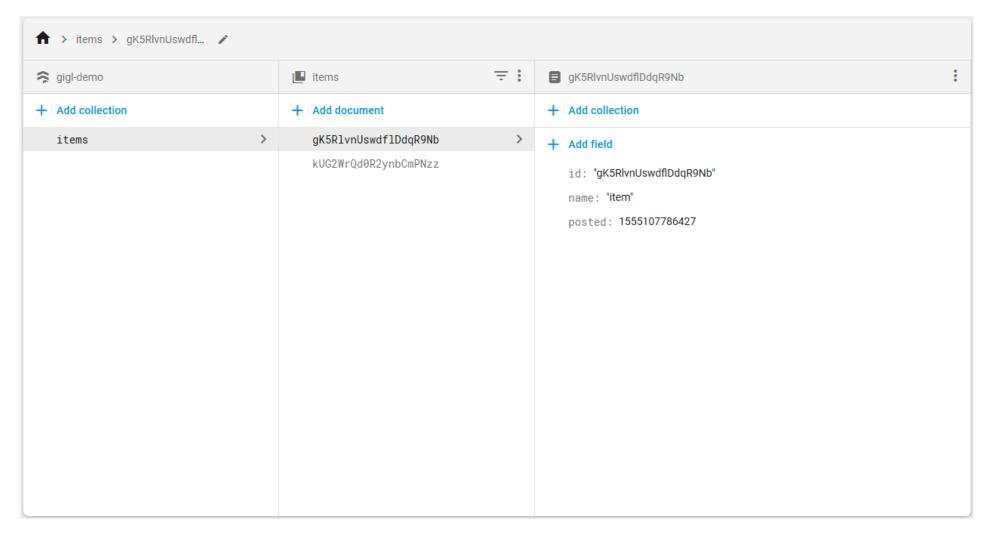
## **OUTLINE**

Your task is to replicate a demo application. A demo of the application can be viewed at: https://gigl-demo.firebaseapp.com/.

The application utilizes firebase cloud firestore as a database and angular 7 on the client. You're required to create a Create Read Update Delete (CRUD) of a list of items. The items are ordered by the latest posted instance. The structure of the database is as follows:

- A collection called 'items' contains documents.
- An item has the following fields: o name(string) o posted(Unixtimestamp)







An existing firebase project has been created for you and the settings are as follows:

```
firebase: {
    apiKey: "AlzaSyA4ugWOHkE-qu6UQXrNsxIMwshlK4QoO7I",
    authDomain: "gigl-demo.firebaseapp.com",
    databaseURL: "https://gigl-demo.firebaseio.com",
    projectId: "gigl-demo",
    storageBucket: "gigl-demo.appspot.com",
    messagingSenderId: "834847182646"
    }
```

Once you have finished, create a GitHub repository and add "hcroakerDev" to the repository.



| Marking Criteria    | 1                                                  | 2                                               | 3                                            | 4                                                           | 5                                                                                          |
|---------------------|----------------------------------------------------|-------------------------------------------------|----------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Design              | No Design                                          | Design not<br>followed<br>and not<br>responsive | Design has<br>flaws and is<br>non responsive | Design is close<br>to correct and<br>somewhat<br>responsive | Responsive and correct design                                                              |
| Functionality       | Does not<br>work                                   | Has many<br>flaws but still<br>works            | Works with<br>missing<br>functionalities     | Works but has very little flaws.                            | Works fully with<br>no flaws                                                               |
| Coding<br>Standards | Code is hard<br>to read and<br>has no<br>standards | Has some<br>standards                           | Some coding<br>standards exist               | Coding<br>standards are<br>good, and code<br>is efficient   | Code is readable, standards are followed, logic is excellent, and code is highly efficient |

If you have any questions or problems with the demo application, please don't hesitate to ask us.