Reading Data from the Database

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Source Code

"module_4\start\TabianConsulting"

Firebase Database

Datasnapshot object

Query object

ValueEventListener interface

addValueEventListener method

addListenerForSingleValueEvent method

Firebase Database

Firebase database limitations
- 3rd party solutions

Reading the Database using a Query

Reading

Data

Database reference

- Query object
  - Executing a task on the query

Firebase Query Methods

The Limitations of Firebase Queries

Firebase Database Limitations

No functionality for "LIKE" queries

SQL "LIKE" Queries

Pass a set of keyword arguments

Example:

- Searching for name that starts with an "Mi"
- Retrieve a list of all names that start with "Mi"

Solution?

Perform the check in the Android app
- Too slow

Solution

Index your database

- Elasticsearch

- Bonus: data backup

Elasticsearch

https://console.cloud.google.com

https://www.pluralsight.com/courses/elasticsearch-analyzing-data

Up Next

Backing up your data

Backing-up Your Data