Remote Lesson 02 - Database & Backend with Firebase Cloud & Vue/Node.js

OUTCOMES

1. Discover Firebase
2. Make a database
3. Incorporate the database into your project
4. Use firebase functions to get data & update/change your database items/collection/docs

TIME

- 2 - 3 hours

MATERIALS

- Code Editor
- Web Browser - Chrome
- Pen and paper for notes and to do's

ACTIVITES

1. Dive into firebase and explore the online GUI
2. Make and register your first Database with firestore
3. Add a collection and some documents to your Database
4. Incorporate firebase into your vue project
5. Use some firebase functions to execute CRUD operations (Create / Remove / Update / Delete)

STUDENT INTERACTIONS

1. Online meeting - demo
2. Chats online and planning reviews

REFLECTION AND CONTINUOUS LEARNING

- Make an/some input field and use vue bindings and buttons to add and delete items from the database
- What kind of application could we make with this technology
- Lofi a basic daily todo list application and create on another branch of your vue CLI project
- How would you structure data for a larger application ?
- Investigate some of Firebase's other applications and functionality within the GUI

USEFUL LINKS

Google's documentation hub for firebase:

https://firebase.google.com/docs/firestore/quickstart

Firebase's intro video on data:

https://www.youtube.com/watch?v=v_hR4K4auoQ

Other random web links on firebase:

https://www.smashingmagazine.com/2018/04/vuejs-firebase-firestore/

https://fireship.io/snippets/read-a-single-firestore-document/