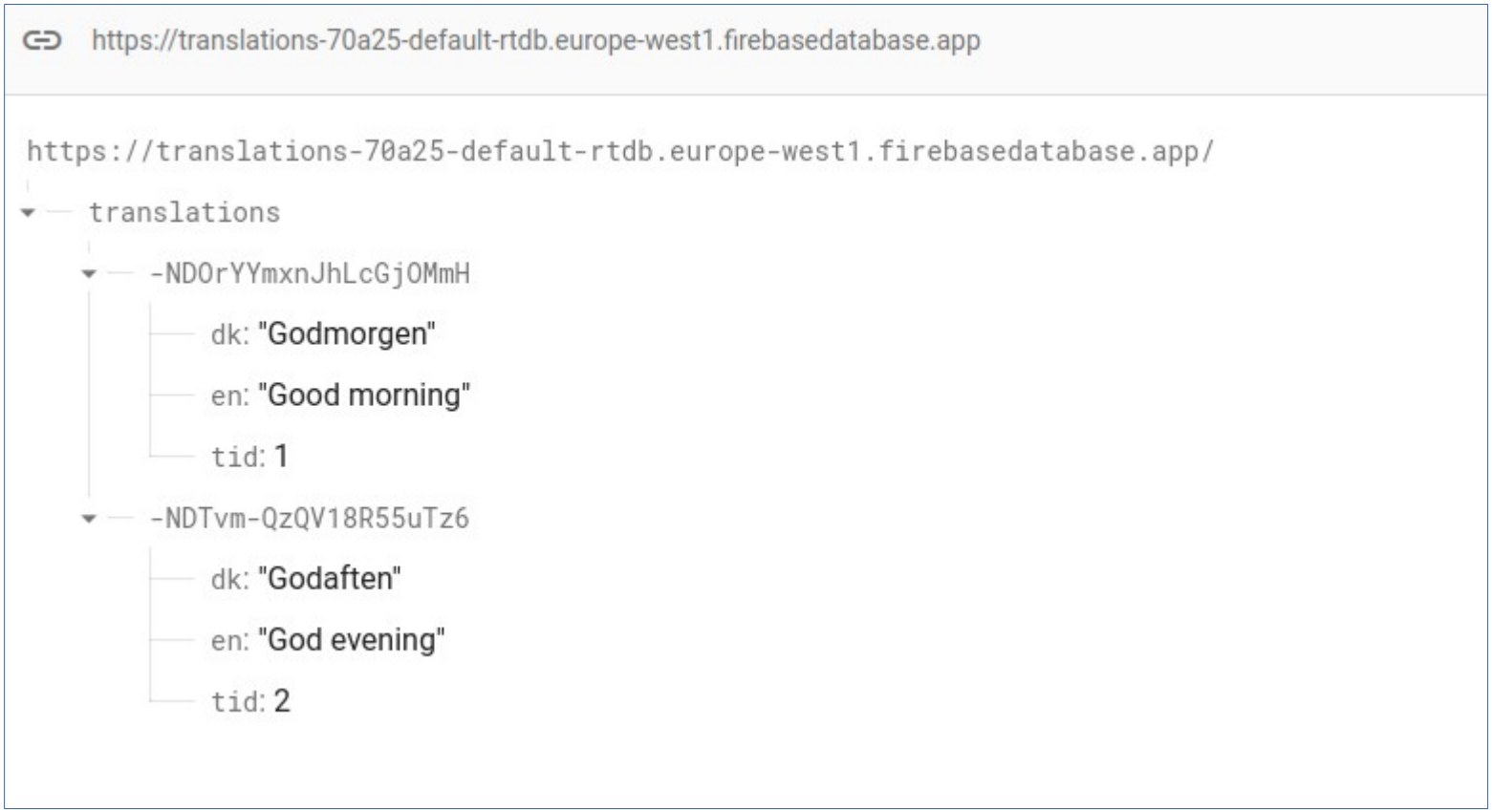
BUSINESS ACADEMY AARHUS
UNIVERSITY OF APPLIED SCIENCES

CRUD, REACT and Firebase

CRUD

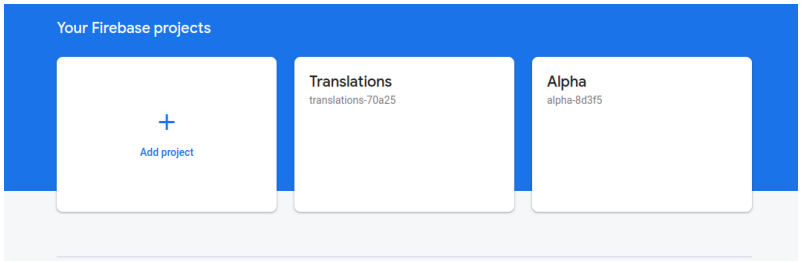
CRUD (Create, Read, Update, Delete) is an acronym for ways one can operate on stored data. It is a mnemonic for the four basic functions of persistent storage. CRUD typically refers to operations performed in a database or datastore, but it can also apply to higher level functions of an application such as soft deletes where data is not actually deleted but marked as deleted via a status.


https://translations-70a25-default-rtdb.europe-west1.firebasedatabase.app
https://translations-70a25-default-rtdb.europe-west1.firebasedatabase.app/
translations
-NDOrYYmxnJhLcGjOMmH
dk: "Godmorgen"
en: "Good morning"
tid: 1
-NDTvm-QzQV18R55uTz6
dk: "Godaften"
en: "God evening"
tid: 2

Creating a real time database

1) Goto https://firebase.google.com

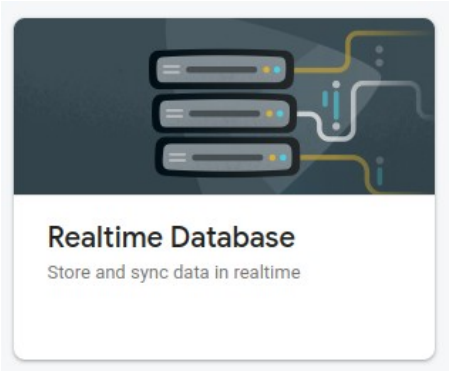
2) Click on [Get started]



3) Click on ”Add project” and enter a project name

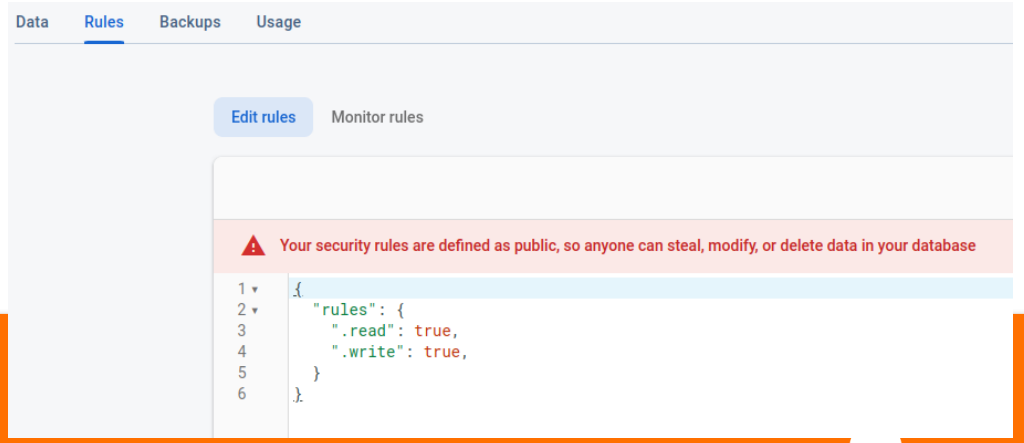
4) Turn OFF Google analytics

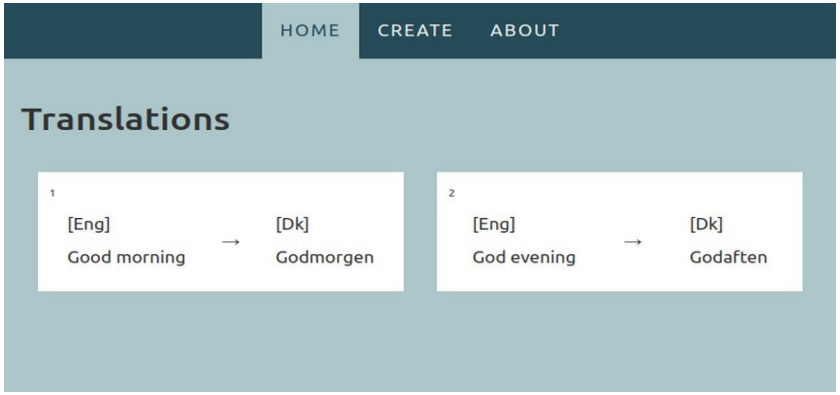
5) See all Build features and select realtime database. You are in Belgium :-)



6) Select ”Start in test mode”.

7) Change rules to ”true” so there are no time limit (from Rasmus slides).





1) Create new project folder. Initialize Git(hub).

2) From VS code – clone Mortens solution from:
   https://github.com/MortenBonderup/react-translation.git

3) In terminal run ”npm install” to install REACT environment

4) In terminal, run the app with ”npm start”.

1) Morten explains how the solution works

2) Come up with an idea to your own app

   Suggestions:

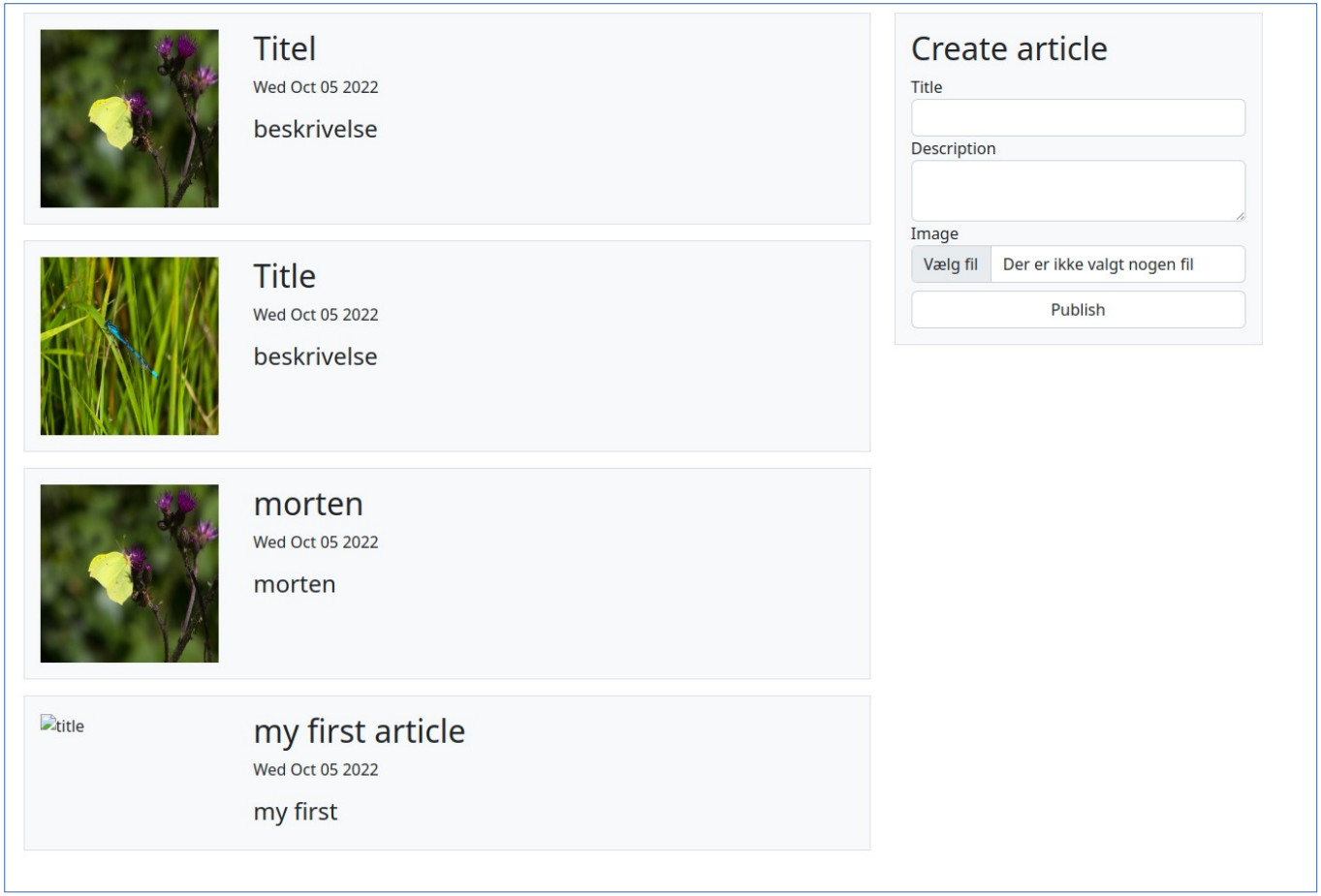
   1) Home inventory list (item, value etc. (for insurance))
   2) Group member app (which person belongs to which group
   3) Home tool overview (screwdriver, drill, grinding machine etc.)
   4) Whatever comes to your mind ;-)

3) Create a Firebase real time database project.

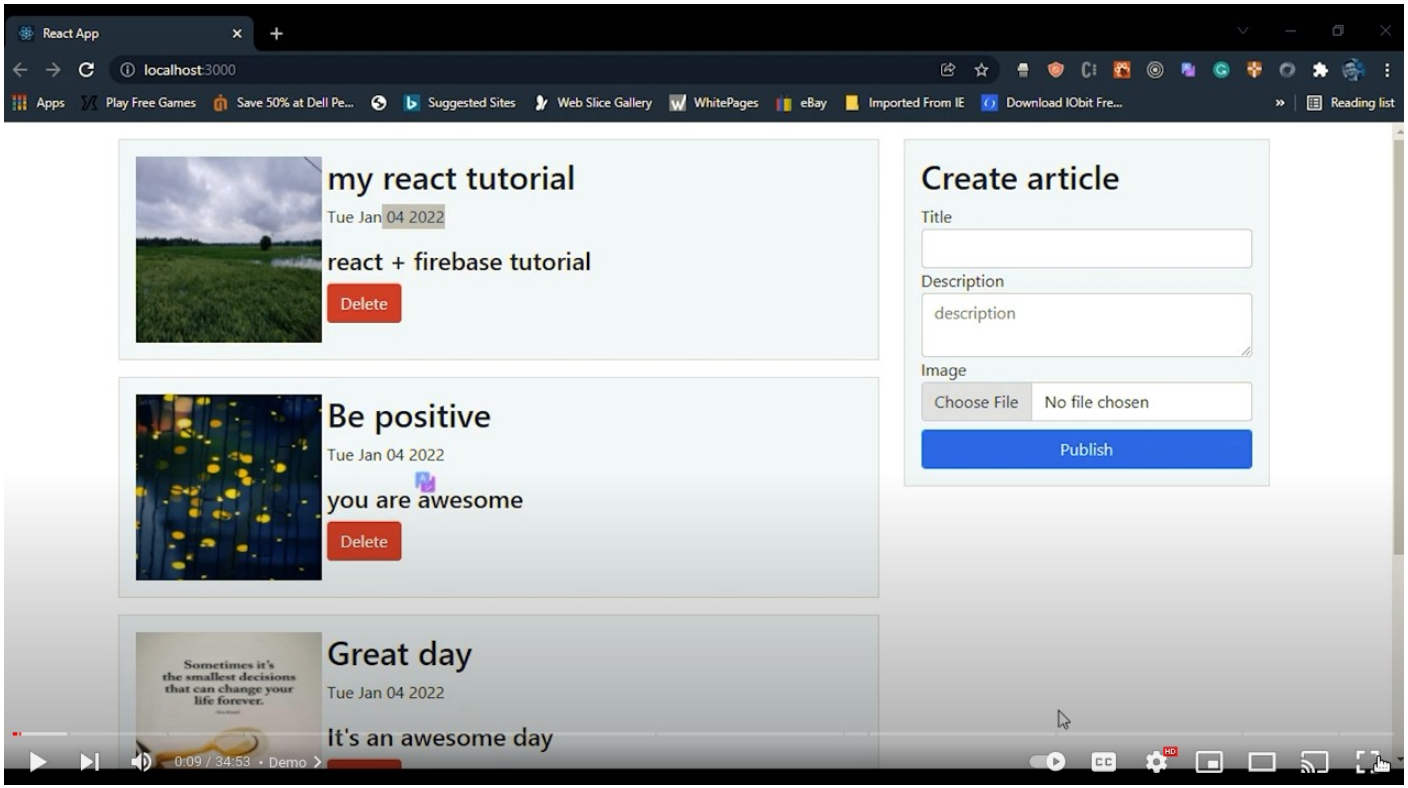
4) Change Mortens solution so that it fits your idea

Time estimation: 60 – 90 minutes

Handling images – involves Firebase storage



ADVANCED video (34:53) – shows how to setup firebase storage and file upload. He works fast, also be aware of all the imports!!



https://youtu.be/_7gdsAfFV9o