

Database Modeling

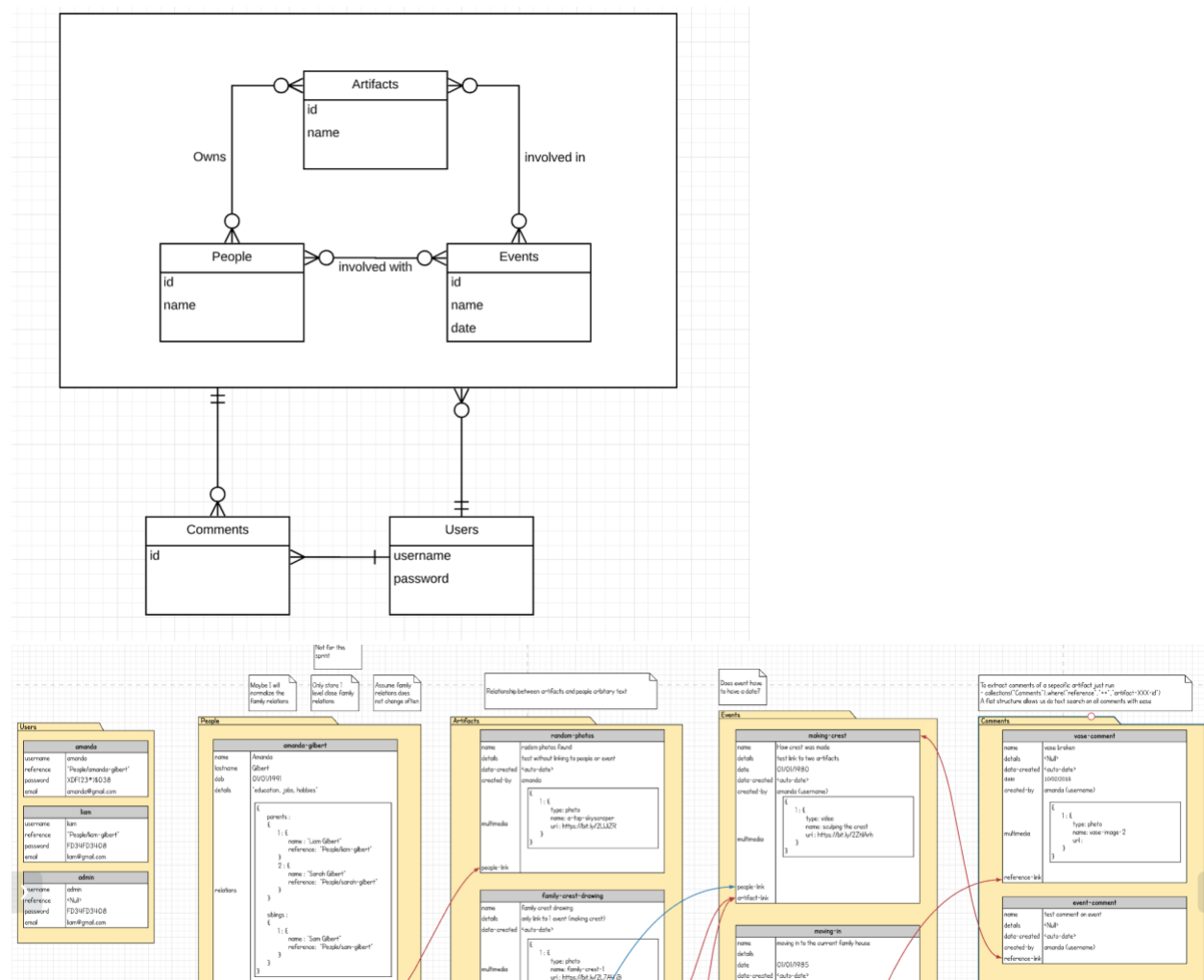
Sample data

- Translate user stories and personas to sample data
- Create schema
- Flush out the database modeling ideas
- (By Chuan)

Database relation modeling

- Translating the user requirement into sensible entities and relations
- (By Chuan)

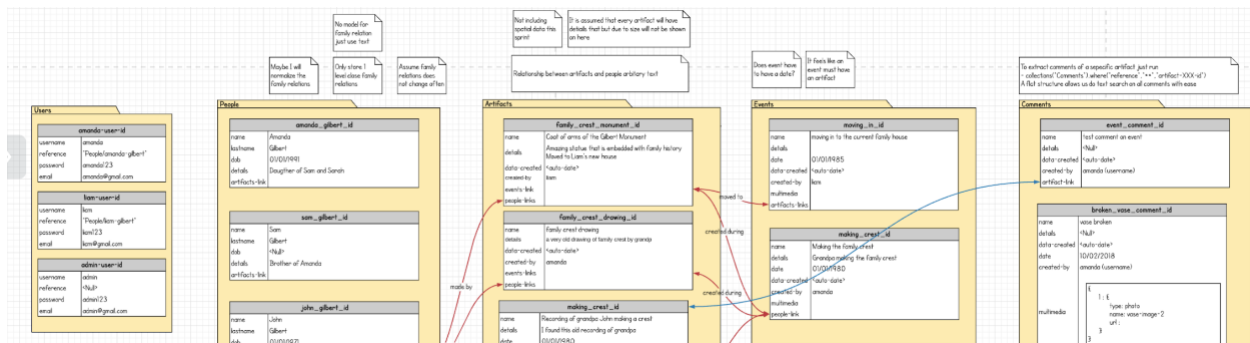
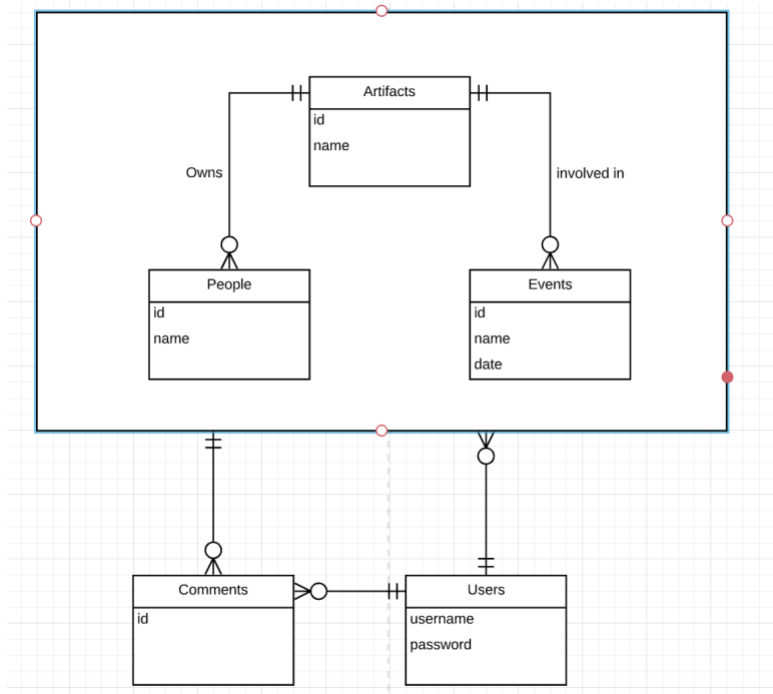
Version 1



Version 2

- Removed multimedia
- Removed following relations

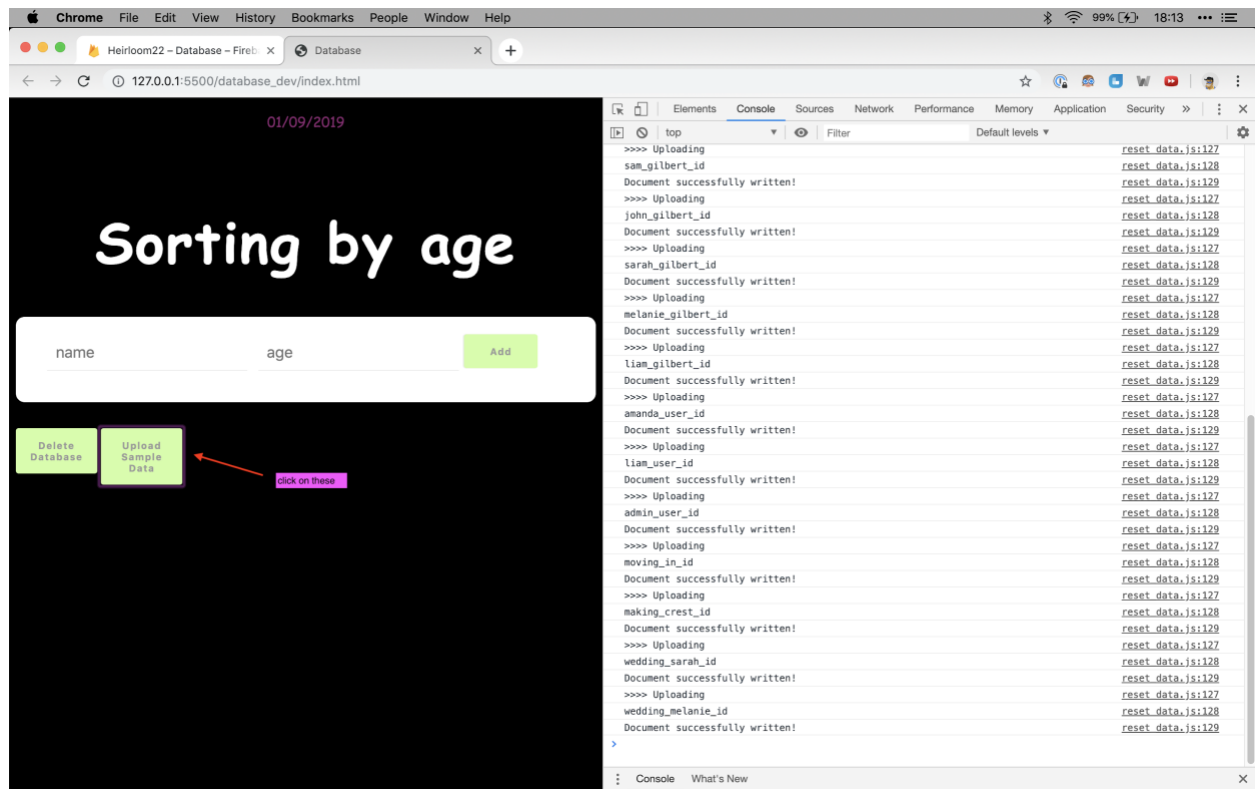
- People to Events
- Added constraints
 - People must belong to a document in Artifacts
 - Events must belong to a document in Artifacts



Query

Rest the database

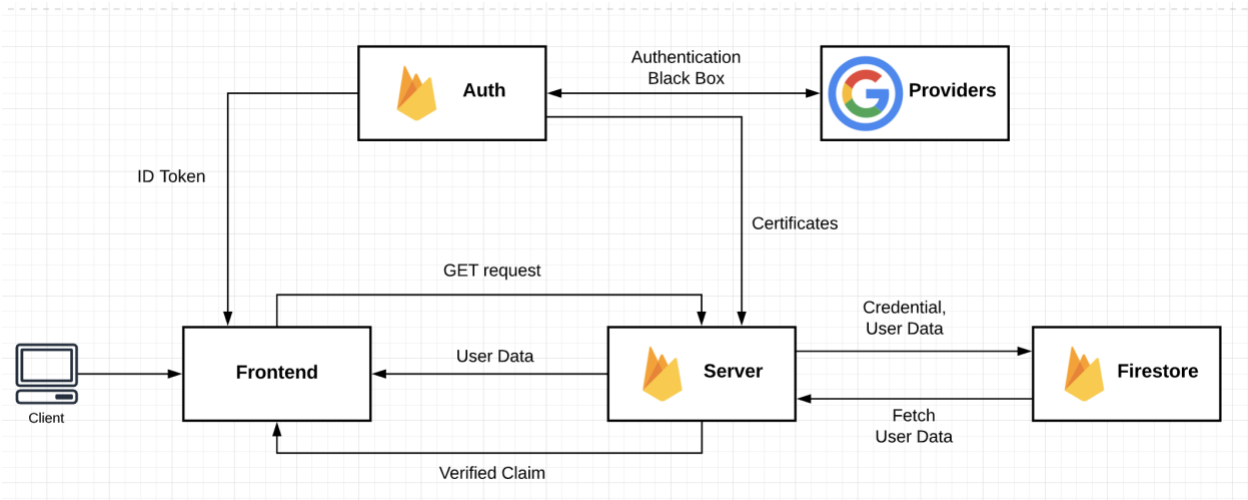
- Linked to Firebase
- Buttons that delete all documents and upload the sample data.
- (By Chuan)



Architecture diagrams

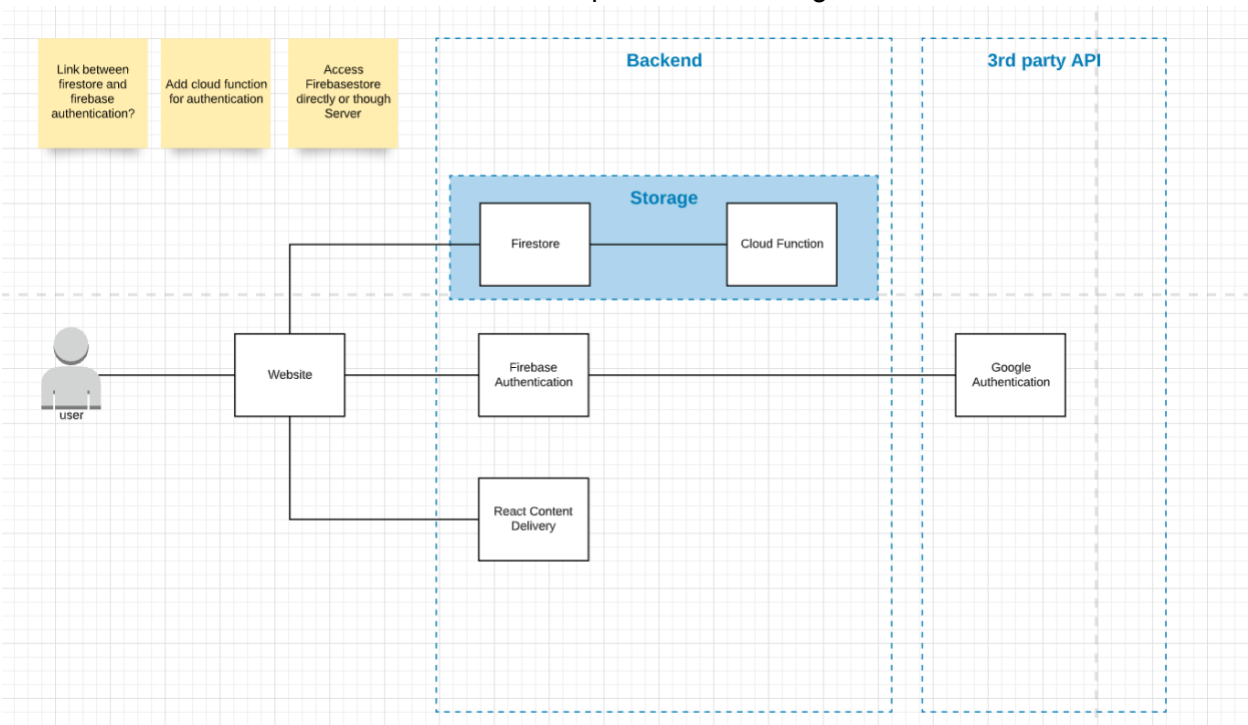
- Here we used the suggested c4 model introduced in week 6 lecture
- Based on the guidelines from <https://c4model.com/>
- (By Chuan and Oliver)

Version 1



Version 2

- Translated version 1 into "level3: Component Level Diagram"



Version 3

- Added details version
- Added relations

Level 3: Component Level Diagram

