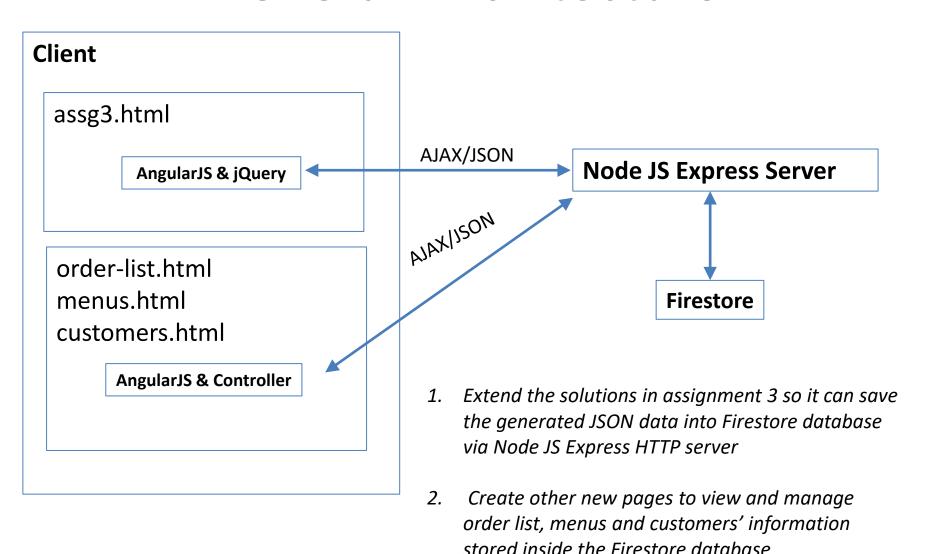
# Project (MB Ordering System)

SCSV3263

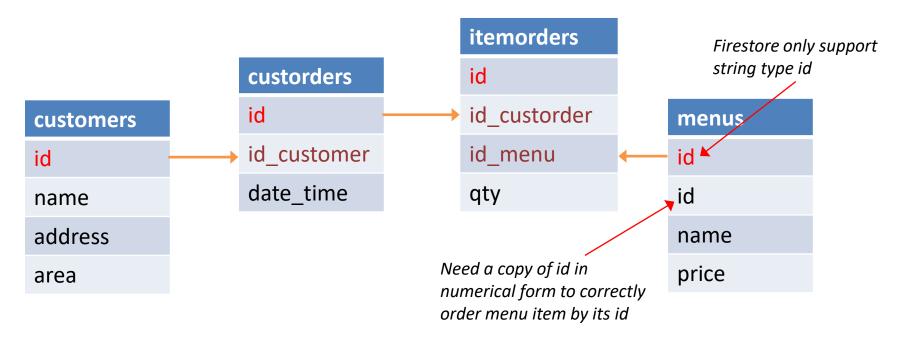
2020/2021-2

#### **Overall Architecture**



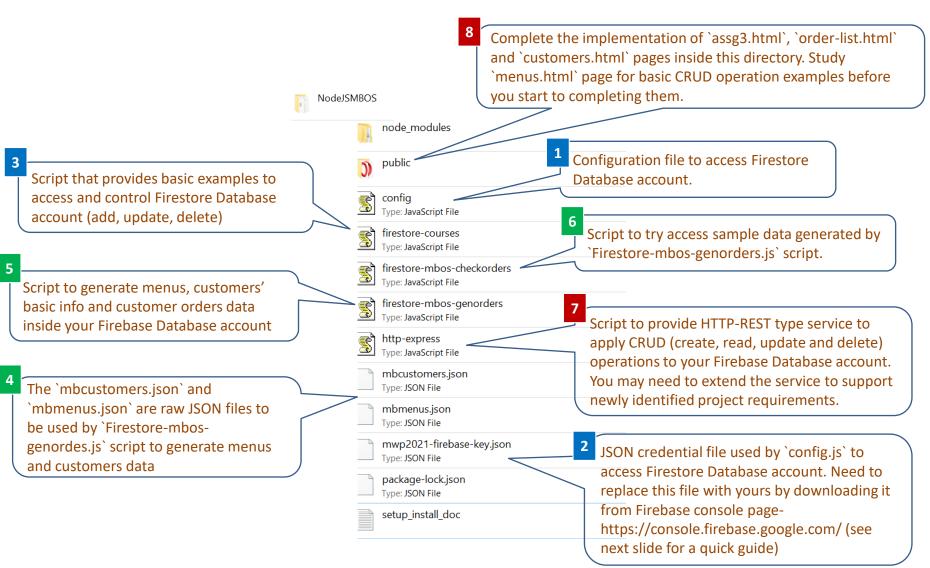
### Database Design

The save order operation should record the order info into four (4) Firestore database collections with structure and relationship are as follows:

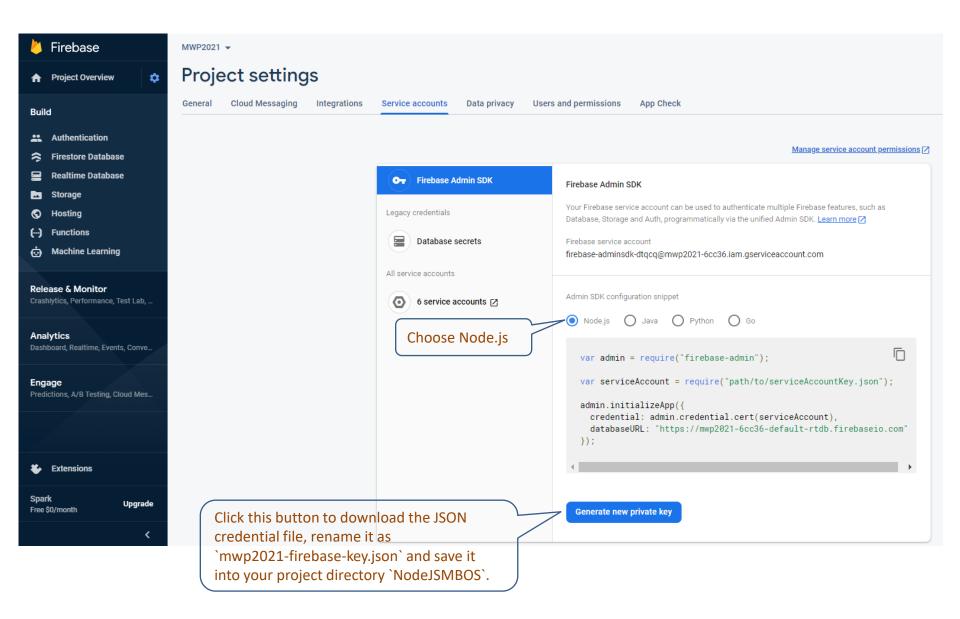


## Project Resource Files

Download project archive file (NodeJSMBOS.zip) from eLearning and extract it in your local computer drive. The archive file provide you the directory structure and related files as follows:



Firebase console page (Project settings > Service accounts) to download JSON credential file.



#### Example of REST paths (CRUD) implemented by http-express.js (menus )

No	Method	REST Path	Descriptions
1	GET	/mbos/menus	Provides redirection to path no. 2
2	GET	/mbos/menus/id/asc	List menus ordered by 'id' field in ascending order. This also an example of how path and parameter structure in no. 3 should be used.
3	GET	/mbos/menus/:orderby/:sequence	Path and parameter structure to list menus: :orderby => `id`, `name`, `price` :sequence => `asc`, `desc`
4	GET	/mbos/menu/:id	Get single menu item by its 'id'
5	POST	/mbos/menu/create	Create/add new menu
6	PUT	/mbos/menu/update/:id	Update menu
7	DELETE	/mbos/menu/delete/:id	Delete menu

### **Project Submission**

- Please archive (zip) the NodeJSMBOS directory and submit it via UTM eLearning.
- Project is due on 14 July 2021.
- Only group leader need to submit the project archive/zip file (NodeJSMBOS.zip)