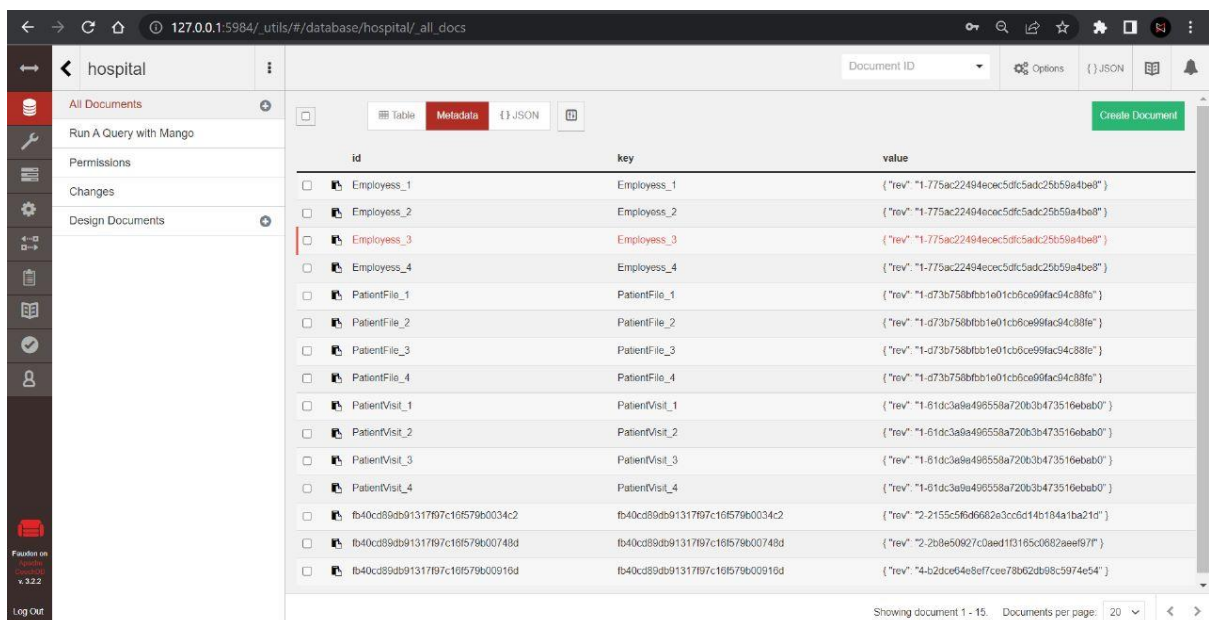


## Tugas – 14 Create View NO SQL

Nama Anggota Kelompok:

1. Agung Malik Al Qindy (01)
2. Arainal Aldiansyah (05)
3. Mukhamad Faruq Al Fahmi (23)
4. Rizqi Rohmatul Huda (26)
5. Zhubair Abhel Frisky M.Z. (30)

Dokumen



id	key	value
Employee_1	Employee_1	{ "rev": "1-775ac22494ec5dc5adc25b59a4be8" }
Employee_2	Employee_2	{ "rev": "1-775ac22494ec5dc5adc25b59a4be8" }
Employee_3	Employee_3	{ "rev": "1-775ac22494ec5dc5adc25b59a4be8" }
Employee_4	Employee_4	{ "rev": "1-775ac22494ec5dc5adc25b59a4be8" }
PatientFile_1	PatientFile_1	{ "rev": "1-d73b758bfb1e01cb6ce99fac94c88fe" }
PatientFile_2	PatientFile_2	{ "rev": "1-d73b758bfb1e01cb6ce99fac94c88fe" }
PatientFile_3	PatientFile_3	{ "rev": "1-d73b758bfb1e01cb6ce99fac94c88fe" }
PatientFile_4	PatientFile_4	{ "rev": "1-d73b758bfb1e01cb6ce99fac94c88fe" }
PatientVisit_1	PatientVisit_1	{ "rev": "1-61dc3a9a49558a720b3b473516ebab0" }
PatientVisit_2	PatientVisit_2	{ "rev": "1-61dc3a9a49558a720b3b473516ebab0" }
PatientVisit_3	PatientVisit_3	{ "rev": "1-61dc3a9a49558a720b3b473516ebab0" }
PatientVisit_4	PatientVisit_4	{ "rev": "1-61dc3a9a49558a720b3b473516ebab0" }
fb40cd89db91317f97c16f57960034c2	fb40cd89db91317f97c16f57960034c2	{ "rev": "2-2155c5f6d662a3cc6d14b184a1ba21d" }
fb40cd89db91317f97c16f579600748d	fb40cd89db91317f97c16f579600748d	{ "rev": "2-2b0e50927c0aed13165c0682aee97f" }
fb40cd89db91317f97c16f579600916d	fb40cd89db91317f97c16f579600916d	{ "rev": "4-4b2dc6e4e8e7cee78b62b8c5974e54" }

Insert code

```
C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/hospital1 -d '{"name_hospital":"soebandi","address":"jonggol"}'
{"ok":true,"id":"hospital1","rev":"1-6e3e2c404f21f002b39105695f257ee0"}

C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/dokter -d '{"name_dokter":"haikal shaleh","spesialis":"anak"}'
{"ok":true,"id":"dokter","rev":"1-ae12a4f74e57b6872d14d56c53c6e10f"}

C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/obat -d '{"name_obat":"demacolin","dosis":"keras"}'
{"ok":true,"id":"obat","rev":"1-98fd5b23c8a36ae332435b8fb71e0187"}











C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/alat_medis -d '{"name_alat":"stetoskop","kondisi":"baik"}'
{"ok":true,"id":"alat_medis","rev":"1-76eb8b7bf3f8448a4839920af118b582"}

C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/perawat -d '{"name_perawat":"siti","umur":"24"}'
{"ok":true,"id":"perawat","rev":"1-a9441a5af6375d35664a970fe2c7ee0e"}

C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/kamar -d '{"name_kamar":"flamboyant","no_kamar":"2"}'
{"ok":true,"id":"kamar","rev":"1-66debbd8ccc5d2c94ad93ca0401fa2c5"}

C:\Users\lagung>
C:\Users\lagung>curl -X PUT http://admin:admin@127.0.0.1:5984/hospital/ruang -d '{"name_ruang":"UGD","no_ruang":"1"}'
{"ok":true,"id":"ruang","rev":"1-702e10c880846b2e01f041a6caa9f3a3"}
```

## Hasil insert

<input type="checkbox"/>		alat_medis	alat_medis	{ "rev": "1-76eb8b7bf3f8440a4839920af118b582" }
<input type="checkbox"/>		dokter	dokter	{ "rev": "1-ae12a4f74e57b6872d14d56c53c6e10f" }
<input type="checkbox"/>		fb40cd89db91317f97c16f579b0034c2	fb40cd89db91317f97c16f579b0034c2	{ "rev": "2-2155c5f6d6682e3cc6d14b184a1ba21d" }
<input type="checkbox"/>		fb40cd89db91317f97c16f579b00748d	fb40cd89db91317f97c16f579b00748d	{ "rev": "2-2b8e50927c0aed1f3165c0682aee97f" }
<input type="checkbox"/>		fb40cd89db91317f97c16f579b00916d	fb40cd89db91317f97c16f579b00916d	{ "rev": "4-b2dce64e8ef7cee78b62db98c5974e54" }
<input type="checkbox"/>		hospital1	hospital1	{ "rev": "1-6e3e2c404f21f002b39105695f257ee0" }
<input type="checkbox"/>		kamar	kamar	{ "rev": "1-6d6ebbd0ccc5d2c94ad93ca0401fa2c5" }
<input type="checkbox"/>		obat	obat	{ "rev": "1-98fd5b23c8a36ae332435b8fb71e0187" }
<input type="checkbox"/>		perawat	perawat	{ "rev": "1-a9441a5af6375d35664a970fe2c7ee0e" }
<input type="checkbox"/>		ruang	ruang	{ "rev": "1-702e10c880846b2e01f041a6caa9f3a3" }

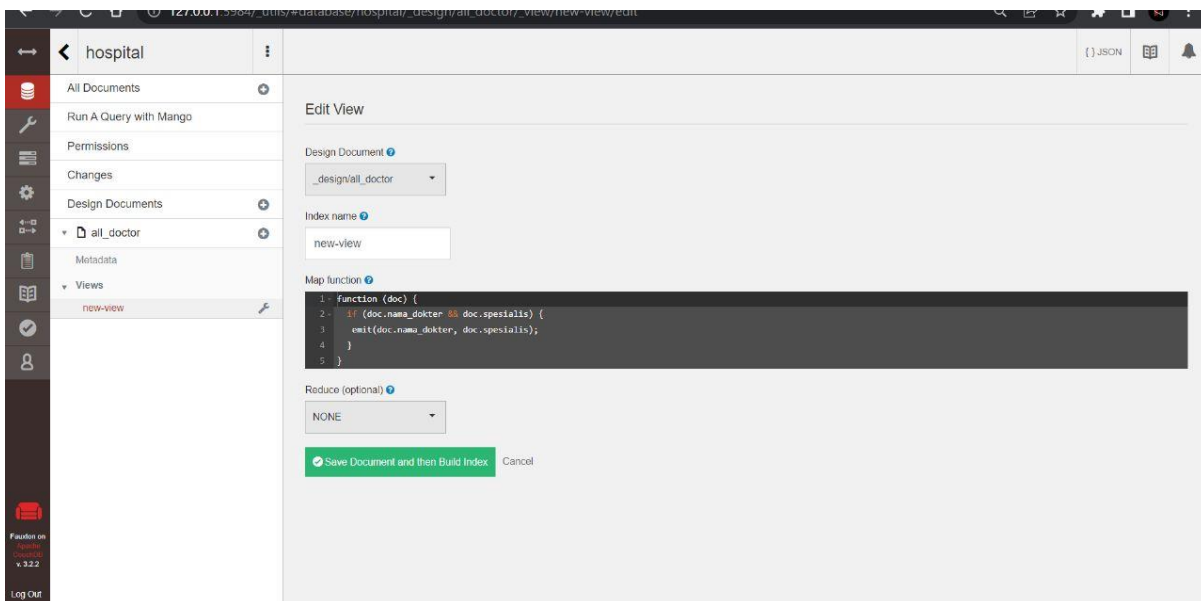
## Update

```
C:\Users\agung>curl -X POST "http://admin:admin@127.0.0.1:5984/hospital/" -H "Content-Type:application/json" -d '{"_id\":"ruang", "_rev\":"1-702e10c880846b2e01f041a6caa9f3a3", "nama_ruang\":"IGD", "no_ruang\":"666"}'
{"ok":true,"id":"ruang","rev":"2-7a4b46cecc5328f36c8ba06fff08144"}
```

## Delete

```
C:\Users\agung>curl -X DELETE http://admin:admin@127.0.0.1:5984/hospital/dokter_3 -H "If-Match:1-ae12a4f74e57b6872d14d56c53c6e10f"
{"ok":true,"id":"dokter_3","rev":"2-bc56692645a7ee82baaf285cd41c95e9"}
```

## View



The screenshot shows the Apache CouchDB web interface. On the left, a sidebar menu lists various database management options: All Documents, Run A Query with Mango, Permissions, Changes, Design Documents, all\_doctor, Metadata, Views, and new-view. The 'new-view' option is currently selected. The main area is titled 'Edit View' and contains the following configuration:

- Design Document:** A dropdown menu showing '\_design/all\_doctor'.
- Index name:** A text input field containing 'new-view'.
- Map function:** A code editor containing the following JavaScript function:

```
function (doc) {
  if (doc.nama_dokter & doc.spesialis) {
    emit(doc.nama_dokter, doc.spesialis);
  }
}
```
- Reduce (optional):** A dropdown menu showing 'NONE'.
- Buttons:** A green button labeled 'Save Document and then Build Index' and a grey button labeled 'Cancel'.

At the bottom left, there is a status bar indicating 'Faucon on CouchDB v 3.2.2' and a 'Log Out' link.

hospital

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

all\_doctor

Metadata

Views

new-view

Log Out

Document ID

Options

{ } JSON

Create Document

Table

Metadata

{ } JSON

id	key	value
dokter	haikal shaleh	anak
dokter_2	haikal shaleh	anak

Showing document 1 - 2. Documents per page: 10

hospital

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

all\_doctor

Metadata

Views

new-view

all\_perawat

Metadata

Views

new-view

Log Out

Document ID

Options

{ } JSON

View Saved

Table

Metadata

{ } JSON

id	key	value
perawat	siti	24
perawat2	siti	24
perawat3	siti	24

Showing document 1 - 3. Documents per page: 10